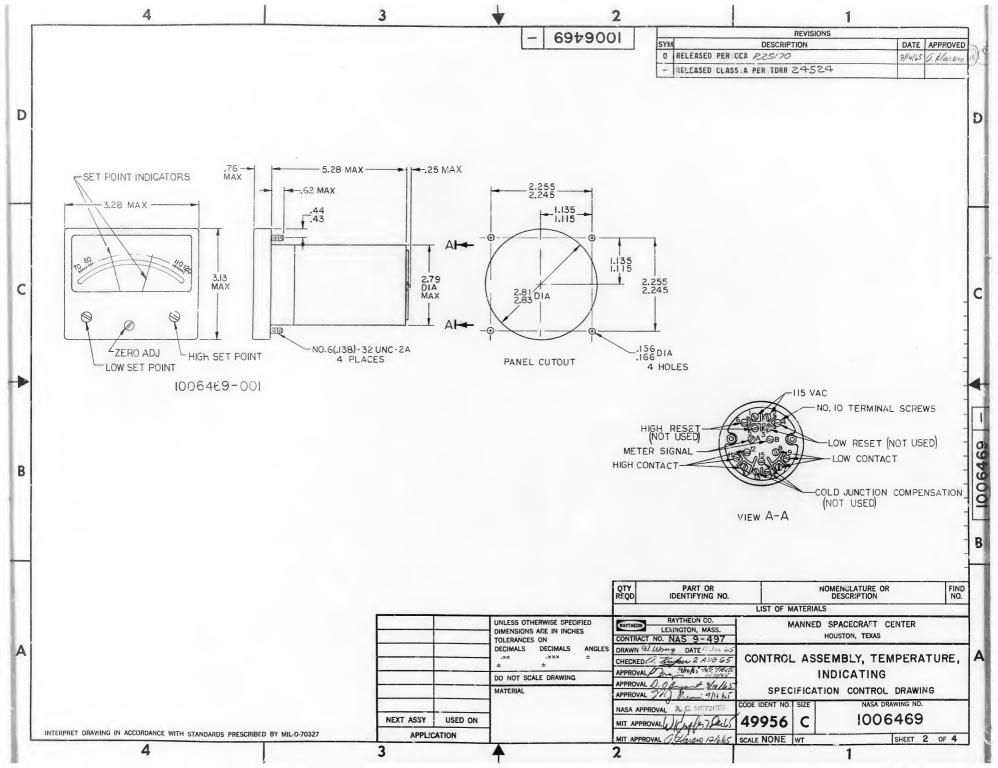
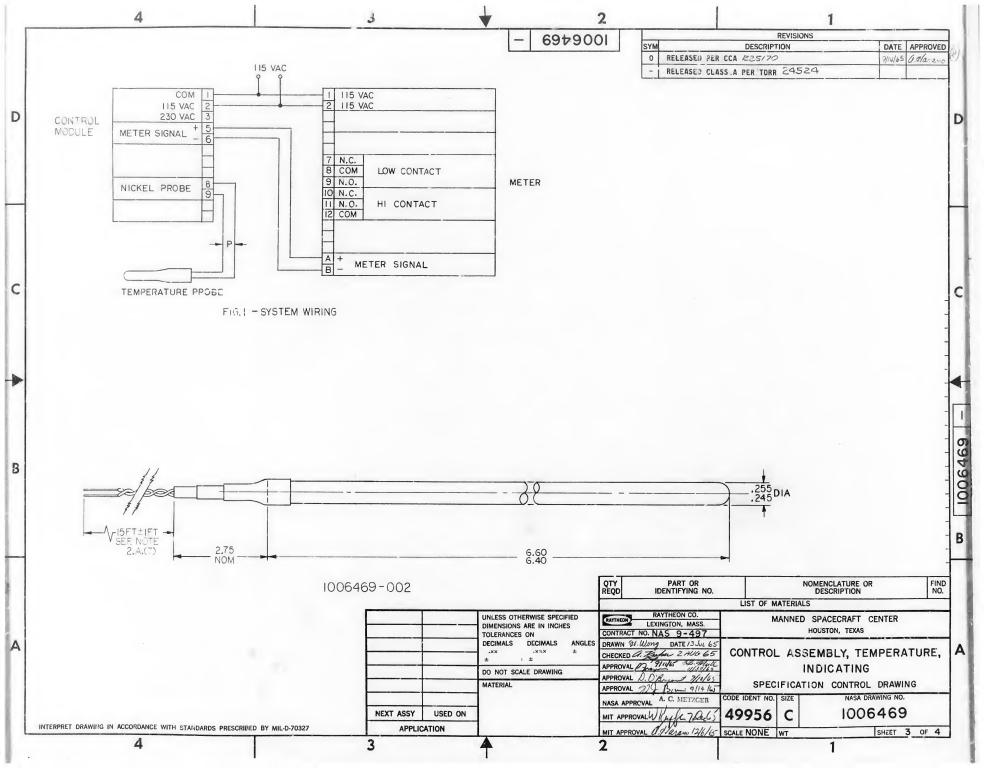
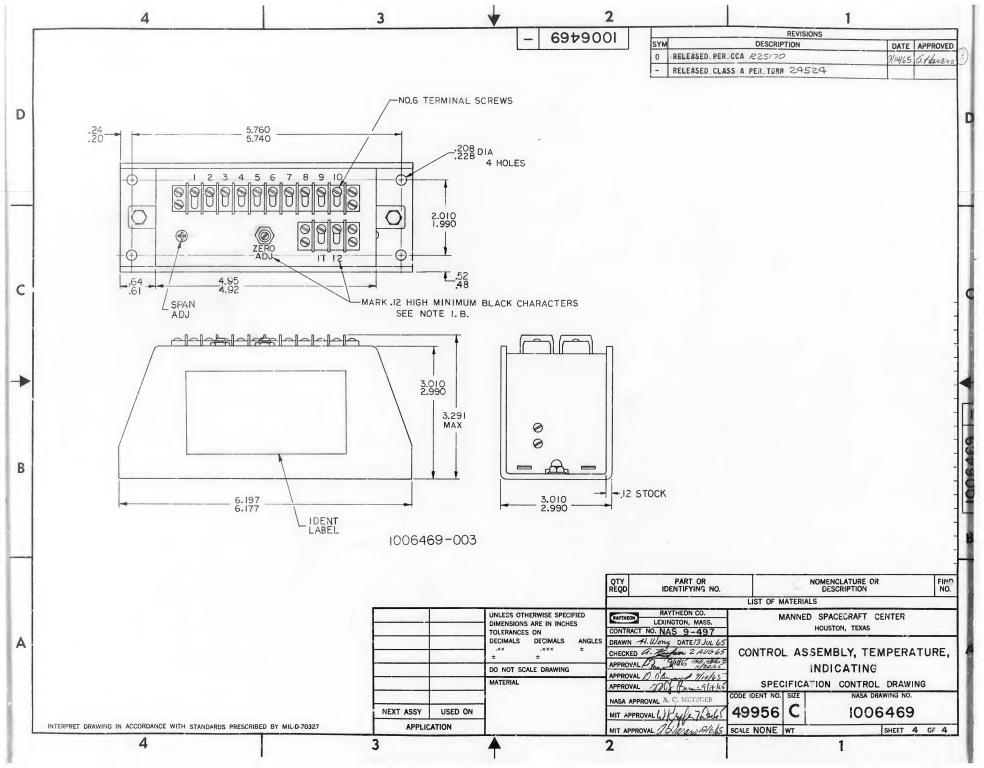
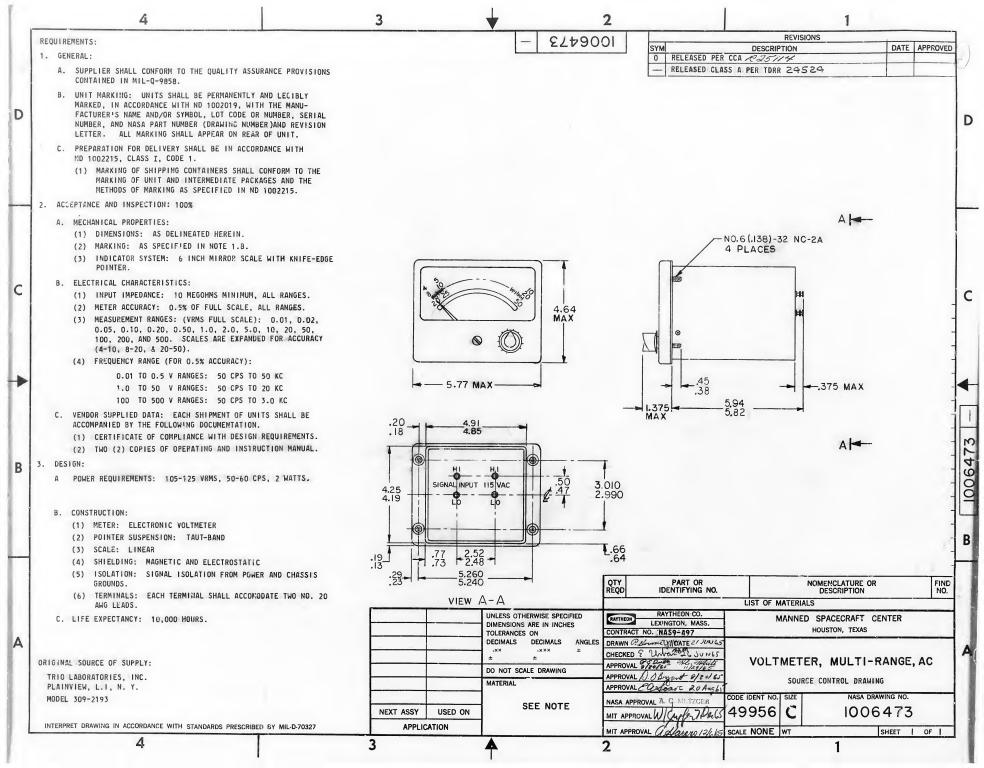


5	4		3	3 📗			ANY USE OF THIS DOCUMENT FOR	OTHER THAN GOVERNME	NTAL PURPOSES IS SUBJE	T TO PRIOR WRITTEN CONSENT OF RA	RAYTHEON
MOTICE WHEN GOVERNMENT ORANINGS. SPECUPICATIONS OR OTHER OATS AS CONTINUED TO THE COLUMN STATE OF THE CONTINUE OF THE CONTINUE OF THE CONTINUE OF THE COLUMN STATE				-	8979	001	SYM	DESCRIP	REVISIONS	DATE API	PPROVE
AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED. FURNISHED. OR IN ANY WAY SUPPLIED THE SAID ORANINGS. SPECIFICATIONS OR OTHER OTATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICEMSING THE HOLDER OR ANY OTHER FERSON OR CORPORATION. OR CONVEY.							O RELEASE PER				1 11012
		[ Danie ]		LE I			- RELEASED CLAS	S A PER TORR	24524		
REQUIREMENTS: 1. GENERAL:		NO.	RESISTANCE OHMS	TOL RI	SOLUTION %						
A. UNITS SHALL BE CAPABLE OF MEETI	NG THE ENVIRONMENTAL REQUIRE-	-001	50	± 1	. 44						
MENTS OF MIL-R-27208A.		-002 -003	100 250	11	.36						
B. SUPPLIER SHALL CONFORM TO THE Q AS CONTAINED IN MIL-Q-9858.	QUALITY ASSURANCE PROVISIONS	-004	500		. 22						
C. MARKING: UNITS SHALL BE MARKED	PER ND 1002019 WITH THE	-005 -006	750 1,000		.22						
TERMINAL IDENTIFICATION, SCHEMA	ITIC, RESISTANCE RANGE AND	-007	1,500 2,500		. 22						
TOLERANCE, AND THE NASA PART NU DASH NUMBER) AND REVISION LETTE		-009	5,000		.12						
D. PREPARATION FOR DELIVERY SHALL	BE IN ACCORDANCE WITH	-010 -011	7,500	+	.10						
ND 1002215, CLASS I, CODE 1.  (1) MARKING OF SHIPPING CONTAI	NEDS SHALL CONFORM TO THE	-012	30,000	± 1	.062						
MARKING OF UNIT AND INTERM	EDIATE PACKAGES AND METHODS	C. MECHANICAL									
OF MARKING AS SPECIFIED IN ACCEPTANCE AND INSPECTION: SAMPLE	ND 1002215.	(1) TORQU		TOPS SHALL	L BE CAPABLE	OF WITH-					
A. MECHANICAL:			STANDING 40	OUNCE-INCHE	S.						
(1) MARKING AND PREPARATION FO (2) DIMENSIONS AND TOLERANCES			ANTI-ROTATE STANDING 80		ALL BE CAPABL S.	E OF WITH-					
(3) UNITS SHALL HAVE MECHANICA	L STOPS AND AN ANTI-ROTATE DEVICE.				•						
(4) SHAFT TORQUE: 2 OUNCE-INC	HES MAXIMUM.										
(2) LINEARITY: ± 1%. (3) INSULATION RESISTANCE: 10 C. VENDOR SUPPLIED DATA: EACH SHI ACCOMPANIED BY THE FOLLOWING DO (1) A CERTIFICATE OF COMPLIANC MENTS SPECIFIED HEREIN.	PMENT OF PARTS SHALL BE CUMENTATION.			31-290	52°, 58°, 29°,	.150130	072-052-338-36	.260 .240	.29 .27	/XI \OCULET	
. DESIGN				1	· ·	.760 .740		-	.057 W. 3		1
A. CONSTRUCTION:					240F	₹.	305		.260 DP S		/
(1) MATERIAL AND FINISH	and the second second						.385 <sub>DIA</sub>	32 NEF-2A		.093 92	92° 38°
(a) CASE: BRASS PÉR QQ-B CLASS II, TYPE-7.	-626D NICKEL PLATED PER QQ-N-290										
	ISTING STEEL PER FEDERAL STANDARD										
	SIVATED PER MIL-F-14072. 1 QQ-B-626D GOLD PLATED PER MIL-G-4520	)4				-					-
TYPE I CLASS 1 GVER A	.00005 TO .00007 NICKEL STRIKE.					QTY REQD	PART OR IDENTIFYING NO.			LATURE OR RIPTION	1
	ON RESISTING STEEL PER FEDERAL 410 PASSIVATED PER MIL-F-14072.							LIST OF N	MATERIALS		
	ER QQ-B-613 COMPOSITION 2, NICKEL			UNLESS OTHERN DIMENSIONS AR TOLERANCES ON	E IN INCHES	RAYTHEON	RAYTHEON CO. LEXINGTON, MASS 10. NAS 9-497			ECRAFT CENTER	
	PER QQ-B-611A, COMPOSITION B,			FRACTIONS	DECIMALS ANG	DRAWN_	J. Doty DATE 5/28/65 Blacker July		DESISTOR	VADIABI E	
HALF HARD, NICKEL PLA	TED PER QQ-N-290 CLASS II, TYPE 7.			± DO NOT SCALE	± ±	CHECKED	Bleater Willer			, VARIABLE D, 2 1/4 WATTS	
B. POWER RATING: 2-1/4 WATTS AT AT 150° C.	40° C DERATED LINEARLY TO ZERO			MATERIAL	NOTE		D.O'Brattono 8/18/15				
ROCURE UNLY FROM APPROVED SOURCES AS L	ISTED IN CONTRACTORIS QUALIFIED			HEAT TREATMEN			60 Soars 8-18-65	CODE IDENT NO.		NASA DRAWING NO	,
VENDORS LIST.	TOTAL THE CONTRACTOR'S QUALIFIED	NEW ACCU				NASA APPI	ROVAL A. C. ALL TALLER	49956	0	1006468	
		NEXT ASSY	USED ON	FINAL FINISH		41	Will ofile Topols	TJJJO		1000400	
INTERPRET DRAWING IN ACCORDANCE WITH STA	ANDARDS PRESCRIBED BY MII -D-70327	APPLICAT			NOTE	MIT APPR	VAL O. War Law William	SCALE NONE	wt	SHEET	05

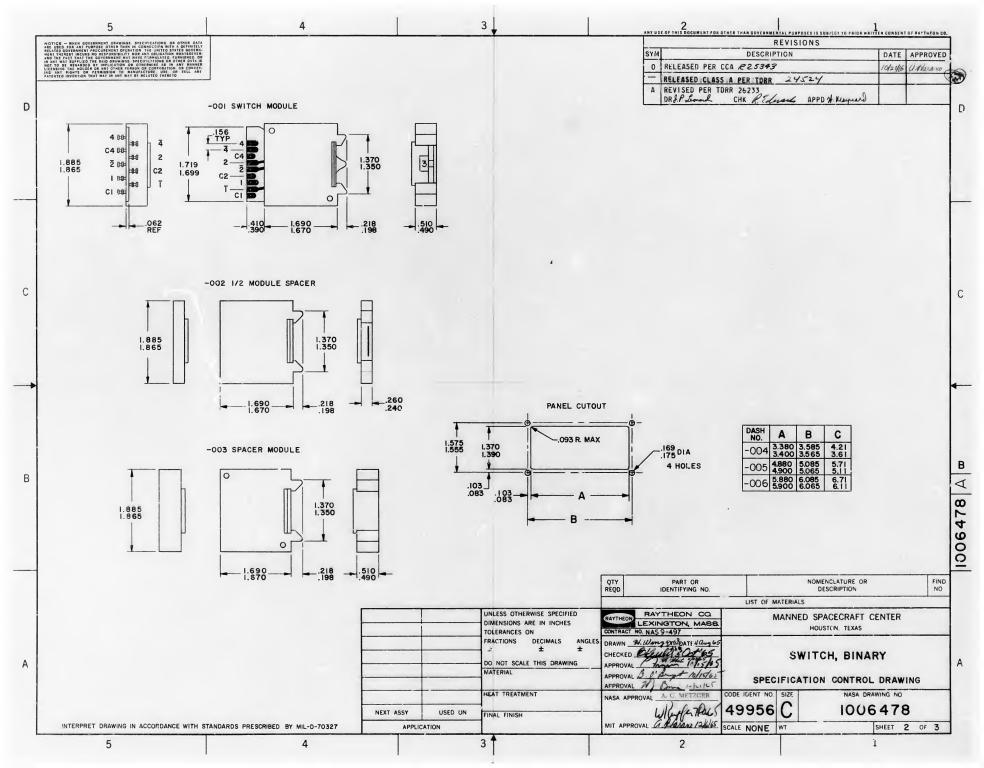


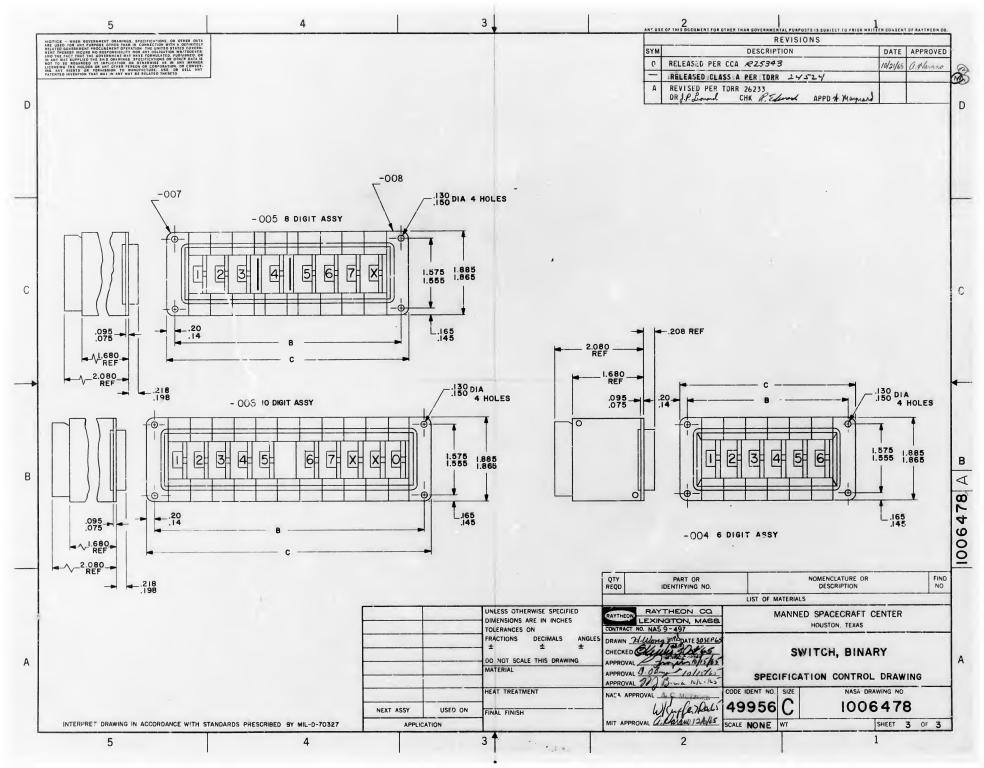


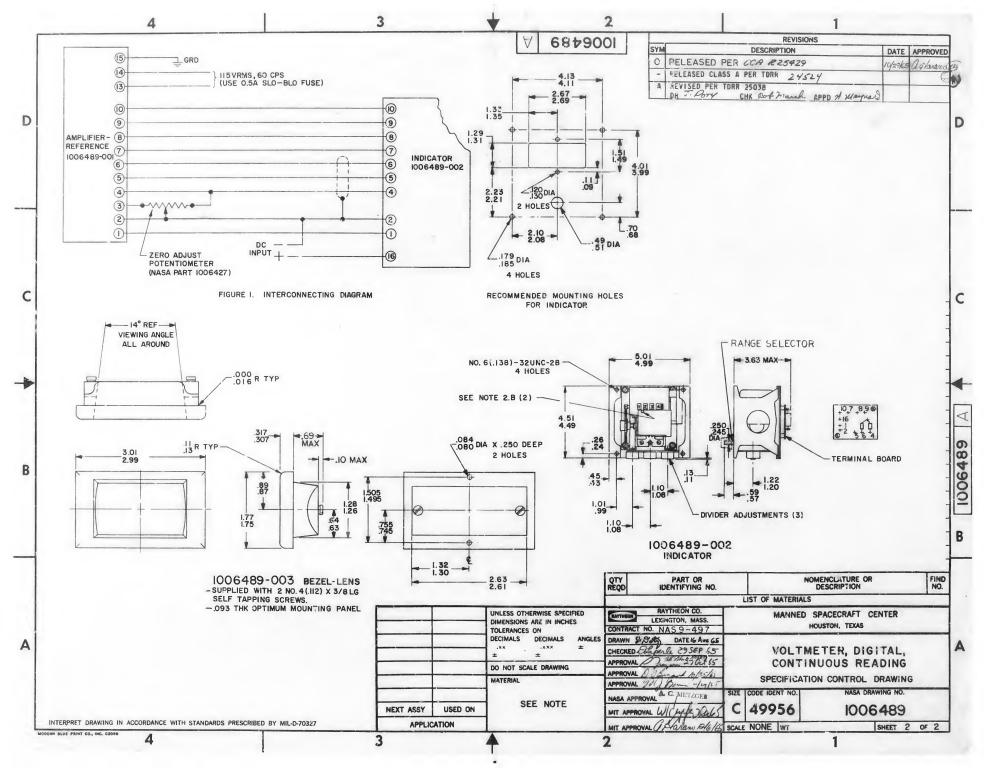




	5	4	2	3	1			ANY USE	2 0F THIS DOCUME!	T FOR OTHER	THAN GOVERNME	MTAL PURPOSE	S IS SUBJECT TO PRICE WRITE	EN CONSENT OF	RAYTHEON CO
	NOTICE — WHEN GOVERNESS TO RANDOR, DIFFCRATIONS, ON OTHER DATA  REQUES ON ANY PURPOSE OF HIS TAKES IN CONCESSION OF THE DATA  REQUES ON ANY PURPOSE OF HIS TAKES IN CONCESSION OF THE DATA  IN THE		25 L0/ R0 L1/	ERATING LIFE: 10 000 CYCLES MINIM ID. A CYCLE IS C TATIONAL TORQUE S FE TEST. ISTRUCTION:	UN UNDER A 12 EFINED AS ONE	WATT NON-	ROTATION.	SYM 0	RELEASED RELEASED F DP J.P. Lea	PER CCA CLASS A ER IDRR	DESCRIP P25343 PER TDRR 26233	REVISION TION 2.44	NS		APPROVED
	CONTAINED IN MIL-Q-9858.  B. PART MARKING: PARTS SHAL LEGIBLY MARKED, IN ACCORD. MANUFACTURER'S SYMBOL, LO! IDENTIFICATION, AND NASA I AND DASH NUMBER) AND REVICE. PREPARATION FOR DELIVER'S ND 1002215, CLASS I, CODE (1) MARKING OF SHIPPING MARKING OF UNIT AND	ANCE WITH NO 1002019, WITH THE T CODE OR NUMBER, TERMINAL PART NUMBER (DRAWING NUMBER SION LETTER. SHALL BE IN ACCORDANCE WITH	(2	PLASTIC PARTS: END BRACKETS, CARBONATE PLAS SHALL BE HOT BY .156 WIDE). CIRCUIT BOARD: TYPE GE,PLATE! ASSEMBLIES: S SHALL NEST TOC PREVENT ROTATI WITH POST SPACE REMOVABLE FOR SHALL BE PREC ID3-8B OR EQU	AND SPACERS STIC. NUMERAL STAMPED BLACK  1.062 EPOXY 0 CIRCUIT ON SWITCHES, SPAGETHER WITH TO AMP SHALL ERS AND SCREE ISTON METAL PERSONNETAL PERSONNE	HALL BE GI S ON THE T CHARACTER: GLASS PER WO SIDES. ERS, AND RE BE SECUREI S. SCREW. F PARTS.	REY POLY- THUMBHHEELS S:(.235.HIGH MIL-P-13949, END BRACKETS CESSES TO D TOGETHER S:SHALL BE TERMINALS								
C	<ol> <li>ACCEPTANCE AND INSPECTION: SAN</li> </ol>	MPLE	(1	TACT RATINGS:  VOLTAGE: 200 V CURRENT: 3.0 / 12 W/ TABLE I				Ti	ABLE II						
	A. MECHANICAL PROPERTIES:  (1) DIMENSIONS: AS DELIN  (2) MARKING: AS SPECIFIE  (3) SMITCH ACTION: SMITCH		DA: NO -00	SWITCH MODUL	E	DIAL READING	DIAL LOGIC POSITION	CONN	MON C1 ECTED TO RMINAL			COMMON CONNECTE TERMIN 4	D TO		
	ACTION IN EACH OF 10 SWITCH SHALL BE 7-11  (4) DIAL MARKING: SEQUEY 6, 7, X, X ON EACH SW  B. ELECTRICAL CHARACTERISTICS (1) SWITCH CONNECTION: S	POSITIONS. FORCE REQUIRED TO OUNCES AT THE THUMBWHEEL. ITIIAL MARKING, 0, 1, 2, 3, 4, 5, WITCH.	-0: -0: -0: -0: -0:	ASSEMBLY, 6 ASSEMBLY, 8 ASSEMBLY, 10 ASSEMBLY, 10 THEFT HAND EN	DIGIT DIGIT DIGIT	0 1 2 3 4 5	0 1 2 3 4 5	*	* * *	* *	* *	* * *	* * * *		
В	(3) DIELECTRIC HITHSTAND MINIMUM BETWEEN ALL N (4) CONTACT RESISTANCE: 10 MILLIAMPERES FLOW C. VENDUR SUPPLIED DATA: EA ACCOMPANIED BY THE FOLLOW	ING VOLTAGE: 1000 VOLTS RMS MUTUALLY INSULATED TERMINALS. 100 MILLIOHMS WITH A CURRENT OF ING. CH SHIPMENT OF PARTS SHALL BE					X X X CARE POSIT.O	* IN		*		*.			
					UNLESS OTHERWIS	SPECIFIED	QTY REQD	RAY	PART OR DENTIFYING N	·a ]	LIST OF M	MATERIALS	NOMENCLATURE OR DESCRIPTION  SPACECRAFT C	ENTER	FIND NO.
4	PROCURE ONLY FROM APPROVED SOURCE: QUALIFIED VENDORS LIST.	S AS LISTED IN CONTRACTOR'S			DIMENSIONS ARE ITOLERANCES ON FRACTIONS DE ± :  DO NOT SCALE TH MATERIAL SEE NC	SIMALS AN	CONTRACT N	10. NAS 0. 82. 82. 82. 82. 82. 82. 82. 82. 82. 82	DOMESTICAL STATES	165 765 Ks -		SV	NITCH, BINAR TION CONTROL NASA DRA	Y	G
	INTERPRET DRAWING IN ACCORDANCE WITH ST.	ANDARDS PRESCRIBED BY MIL-D-70327	NEXT ASSY	USED ON	FINAL FINISH	<b>~</b>	MIT APPRO	WIS	myle The	614	9956	С	1006	478 SHEET 1	OF 3

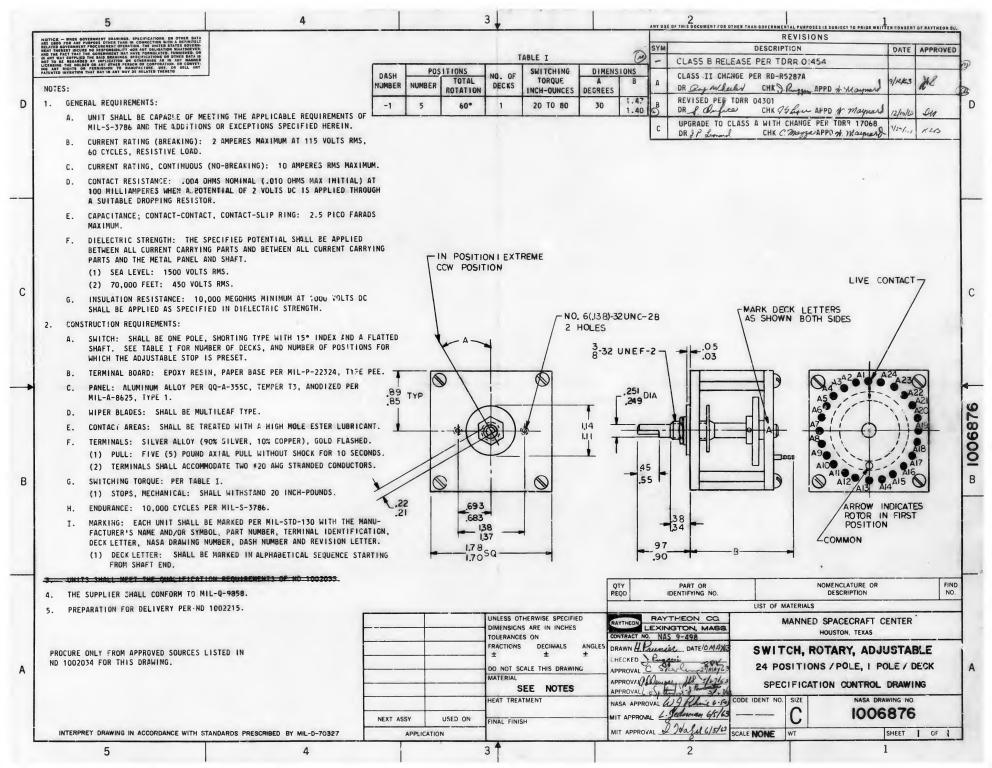


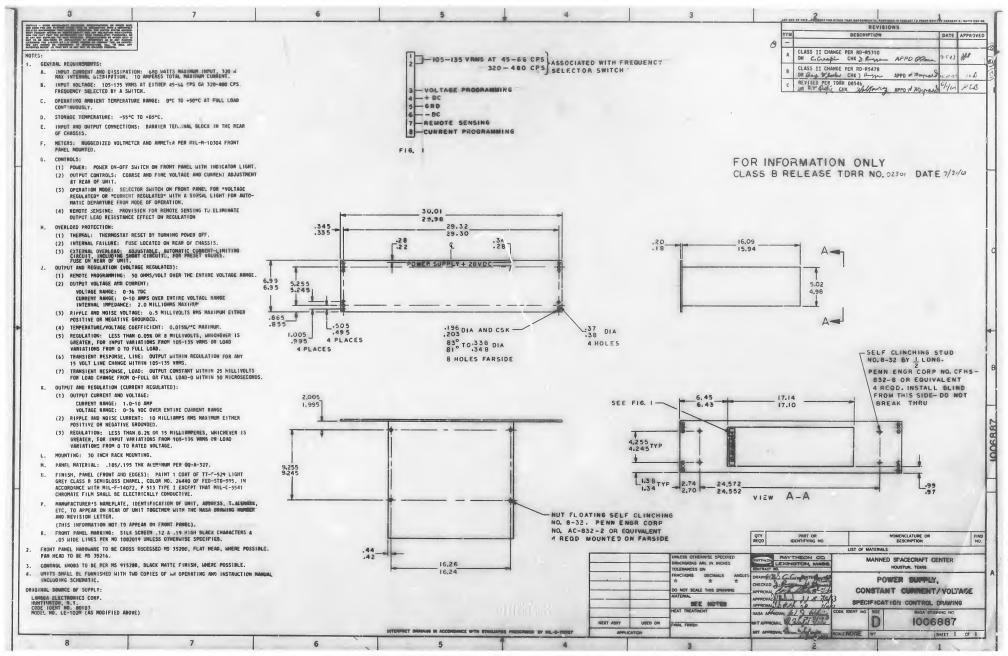


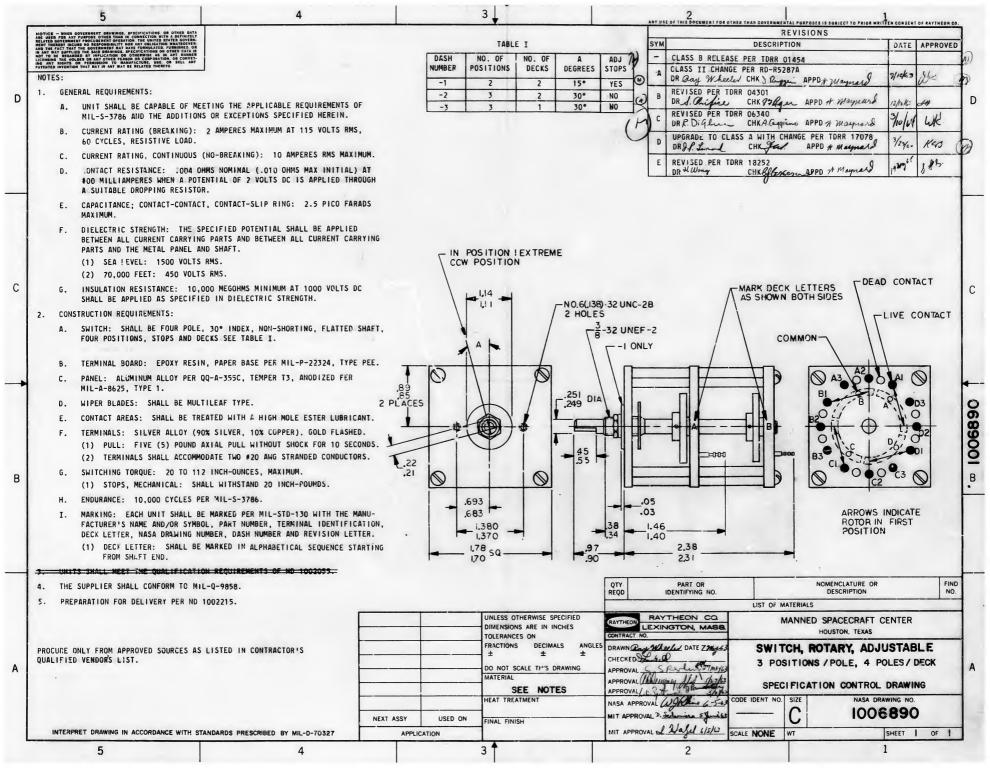


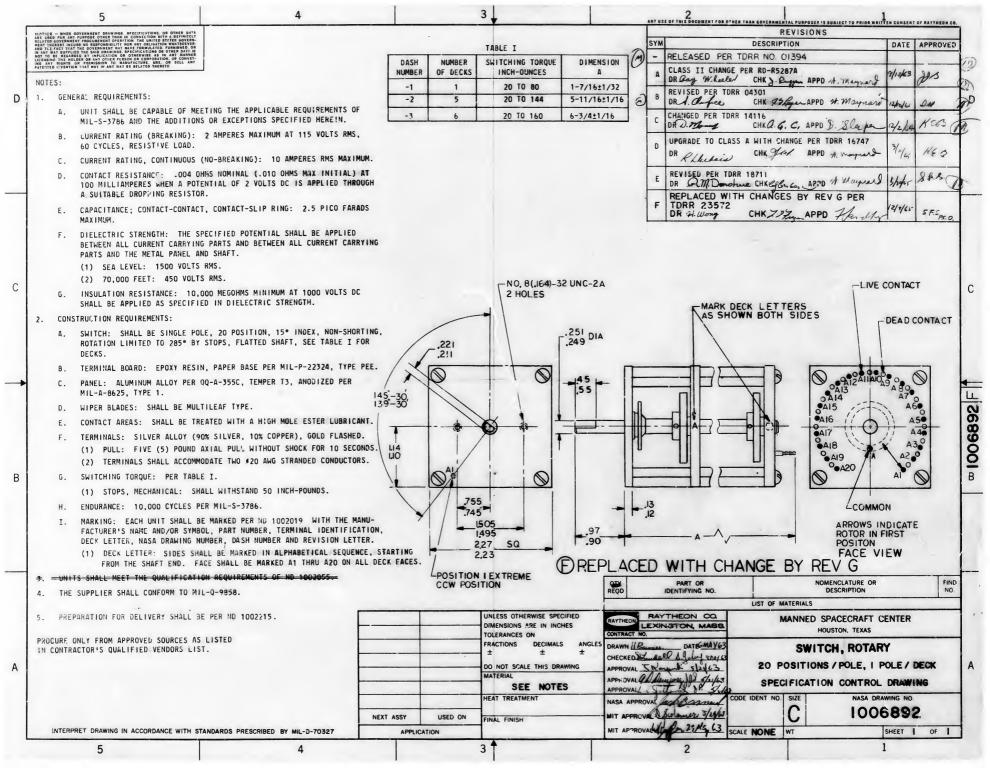
		5		4		3	2		1 Is subject to prior written consent of rayth:	
	NOTICE ARE USE RELATED MENT THI AND THE IN ANY W HOT TO LICENSIN ING ANY PATENTEE	THE BOVERNMENT DRAWINGS. SPECIFICATIONS.  OF DOR ANY PURPOSE OTHER TRAW IN CONNECTION WILL  GOVERNMENT PROCEEDED TO THE TRAY IN CONNECTION WILL  REAST INCLUSE NO RESPONSIBILITY NOR ANY CONSULTANT  WILL STATE OF THE PROCESS OF THE P	OR OTHER DAYS  STATE GOVEN-  BY MANAGENTE  OFFICE DAYS  O				SYM - CLASS B RELEASE P	REVISION DESCRIPTION		
	NOTES	S:								
	1.	GENERAL REQUIREMENTS:								
		MIL-STD-130, WITH TO LETTER AND DASH NUM PACKAGES SHALL BE M NAME AND/OR SYMBOL,	LL BE PERMANENTLY AND LEGIBLY I HE NASA PART NUMBER (DRAWING N BER), TERMINAL IDENTITY AND PO BRKED, PER MIL-STD-129, WITH TI PART NUMBER, LOT CODE OR SERI OR CODE AND THE NASA PART NUM	UMBER, REVISION LARITY AND SCHEMATIC, HE MANUFACTURER'S AL NUMBER,						
		B. THE SUPPLIER SHALL CONTAINED IN NO 101	CONFORM TO THE QUALITY ASSURANGE 5404, CLASS 3.	CE PROVISIONS AS						
	2.	ACCEPTANCE AND INSPECTION	REQUIREMENTS:							П
		(1) OPERATING INPU (2) POWER CONSUMPT	RISTICS (OVER TEMP AND VOLTAGE T VOLTAGE RANGE: 18 - 32 VDC. ION: 1 WATT MAXIMUM. 5 CYCLES PER SECOND ± 10%. 1.0 ± 10%.			FOR INFO	RMATION ONLY ELEASE TORR NO.	04305 DA	ATE 10/30/63	
;		,,,					.250			
	3.	DESIGN REQUIREMENTS:				_				
		· ·	O HOURS MINIMUM OVER THE TEMPI	ERATURE AND		1,91	1 0 0 0 0		HEMATIC LABEL D NAMEPLATE	
		B. STORAGE LIFE: INDE	FINITE, A POTTED UNIT.			1.84	1 2 3 4	71		
•		WITH BARRIERS BETWEE	D PLASTIC CASE WITH STUD TYPE EN. COMPONENTS ARE POTTED IN I JT, LOCKWASHER, AND TWO PLAIM N	PLACE. EACH			1.445			4
		D. AMBIENT TEMPERATURE	RANGE: -55°C TO +72°C.		40	350	2.500			
		E. CONTACT CURRENT RATI	NG: 0.5 AMPERE INDUCTIVE OR L	LAMP LOAD.		.250 .188	2.508	175		18
		F. RELAY CONTACT MATERI IN A GLASS ENCLOSURE	AL: ELECTROPLATED RHODIUM, HE	ERMETICALLY SEALED	30	NO. 8 (.164)- NUT, STUD, L	32UNC-2 -	2 HO	LES	
		G. STUD MATERIAL: CADM	NUM PLATED BRASS.		$\Box$	FLAT WASHE	ERS			
					١ ٤	4 PLACES	曾曾曾曾	1		
					+ 4			1.42		
					20-			.94 1.36		
					10-					
					SCHEMATIC		2.97	-		
							QTY PART OR REQD IDENTIFYING NO.	hi(	OMENCLATURE OR DESCRIPTION	FIND
П							in the state of th	LIST OF MATERIALS		-
		IRE ONLY FROM APPROVED SOU	URCES LISTED IN			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TO'LERANCES ON	RAYTHEON CO. LEXINGTON, MASS. CONTRACT NO. NAS 9-498		SPACECRAFT CENTER OUSTON, TEXAS	
						FRACTIONS DECIMALS ANGL		FLASHE	R, ELECTRONIC,	
İ						DO NOT SCALE THIS DRAWING	APPROVAL RIBLACKING OPK		LAY TYPE	
						MATERIAL SEE NOTES	APPROVAL SULLA PIONES	SPEC! FICATIO	ON CONTROL DRAWING	
						HEAT TREATMENT		IDENT NO. SIZE	NASA DRAWING NO.	
				NEXT AS	SY USED ON	FINA' FINISH	MIT APPROVALW/Contensacotes	C	1006652	
	l	NTERPRET DRAWING IN ACCORDAN	CE WITH STANDARDS PRESCRIBED BY MI	IL-D-70327	APPLICATION		MIT APPROVAL & SCALE	1/1 WT	SHCET   OF	1
		5		4		3 1	2		1	

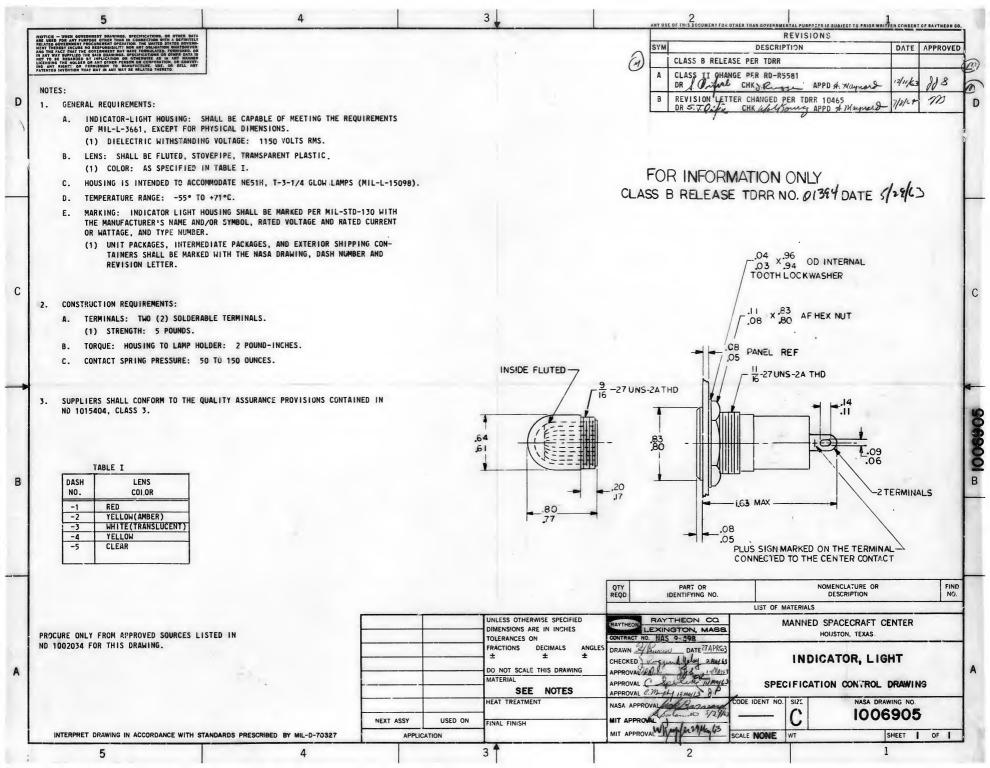
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	AMO THE I	FOR ANY GOVERNME REBY INCL	SOVERNMENT DEAVINGS, SPECIFICATIONS, OR OTHER OATA PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITION FOR THE PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITION FOR THE PURPOSE OF THE PU					SYM - CLASS B RELEAS	DESCRIPT	EVISIONS	DATE APPROVED	
П	REQU											П
0	1.											0
				HE QUALITY ASSURANCE PROVISIONS CLASS 2.								
		В.	WITH THE MANUFACTURER'S NAME ELECTRICAL RATINGS, AND NASA LETTER. UNIT PACKAGES SHALL	A DRAWING NUMBER AND REVISION	50							
	2.	ACCE	PTANCE AND INSPECTION:									i
		Α.	(1) INITIAL STARTING VOLTAG OVER 135 VOLTS DC.	GE: 95 VOLTS AC MAXIMUM,								
		В.	MECHANICAL CHARACTERISTICS: (1) DIMENSIONS AND TOLERANC	CES PER OUTLINE.								
	3.	DESI										O
П		Α.	POWER RATING: 1/7 WATT, NOMI					FOR INFORM, CLASS B RELE	ATION	ONLY	1 ./	
		В.	CURRENT RATING: 1.2 MILLIAM	TO 125 VOLTS AC, 150 VOLTS DC.				CLASS B RELE	ASE TO	DRR NO.02/7/ DA	TE 7/24/63	
		C.		IGNED FOR USE IN SERIES WITH AN EX	TERNAL					•	, ,	13
		D.	RESISTANCE OF 47,000 OHMS.	TONED FOR USE THE SERVES WITH ARE EX	TERNAL							
		Ε.	AVERAGE USEFUL LIFE: 25,000 CURRENT WITHIN THE LIMITS SP	O HOURS WHEN OPERATED ON ALTERNATI PECIFIED HEREIN.	NG			56				
			CONSTRUCTION: BULB SHALL BE SHALL BE OF THE MINIATURE BA					.37	J.02			1000000
3								.06 DIA		43 MAX		В
			ONLY FROM APPROVED SOURCES LI	ISTED IN				QTY PART OR		NOMENCLATURE OR DESCRIPTION	FINE NO.	
	ND	10020	34 FOR THIS DRAWING.					REQD IDENTIFYING NO.	LIST OF MA		NO.	
							UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON	RAYTHEON CO. LEXINGTON, MASS. CONTRACT NO. NAS 9-498		IANNED SPACECRAFT (	CENTER	
				e <sub>n</sub>			FRACTIONS DECIMALS ANGLE	FS SAULUI DE SATEM MARKET		1 4445 01 014	vi e	
							DO NOT SCALE THIS DRAWING	CHECKED Charles 1 May 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		LAMP, GLOW	V	A
1							MATERIAL	APPROVAL (11/2/14/2) 18 7/18/13	SPECI	FICATION CONTROL	DRAWING	
							SEE NOTES HEAT TREATMENT	MASA APPROVAL Minighty 1/26/63	ODE IDENT NO.		AWING NO.	-11
					NEVT ACCV	LICED ON		MIT APPROVAL ARCANOS 74 CET		_	6869	
		NTERP	RET DRAWING IN ACCORDANCE WITH ST	ANDARDS PRESCRIBED BY MIL-D-70327	NEXT ASSY APPLIC	USED ON	FINAL FINISH	MIT APPROVAL Climia Scalamina iles Si	CALE NONE	WT 130	SHEET   OF	-11
L			5	4			3	2	HONE	T	1	

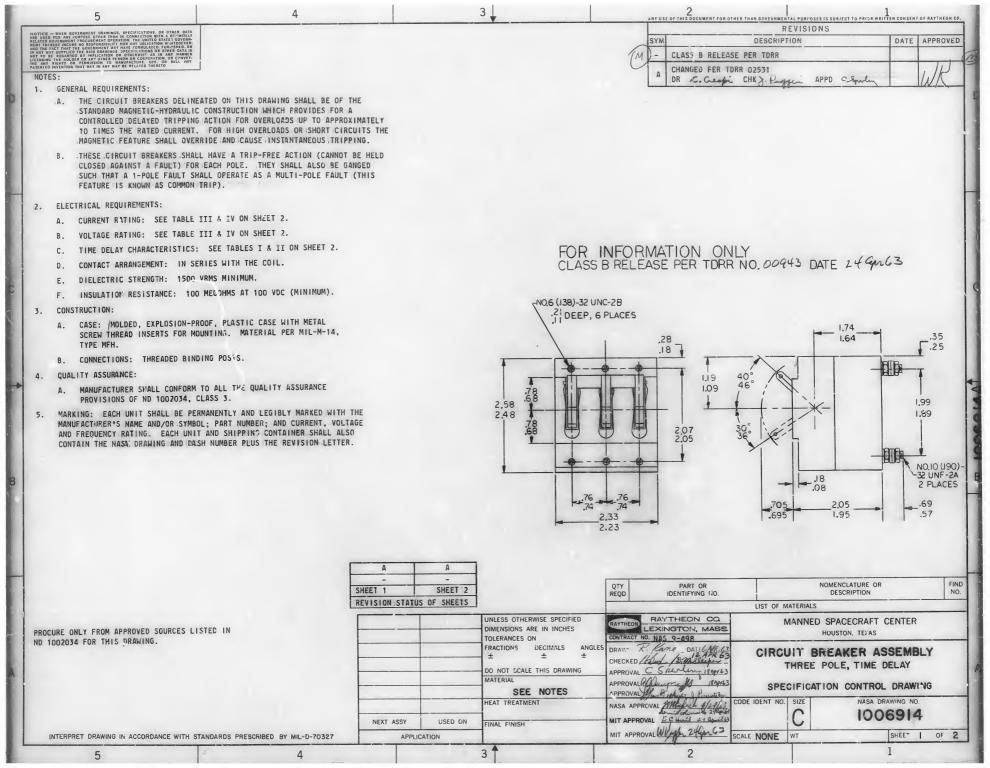


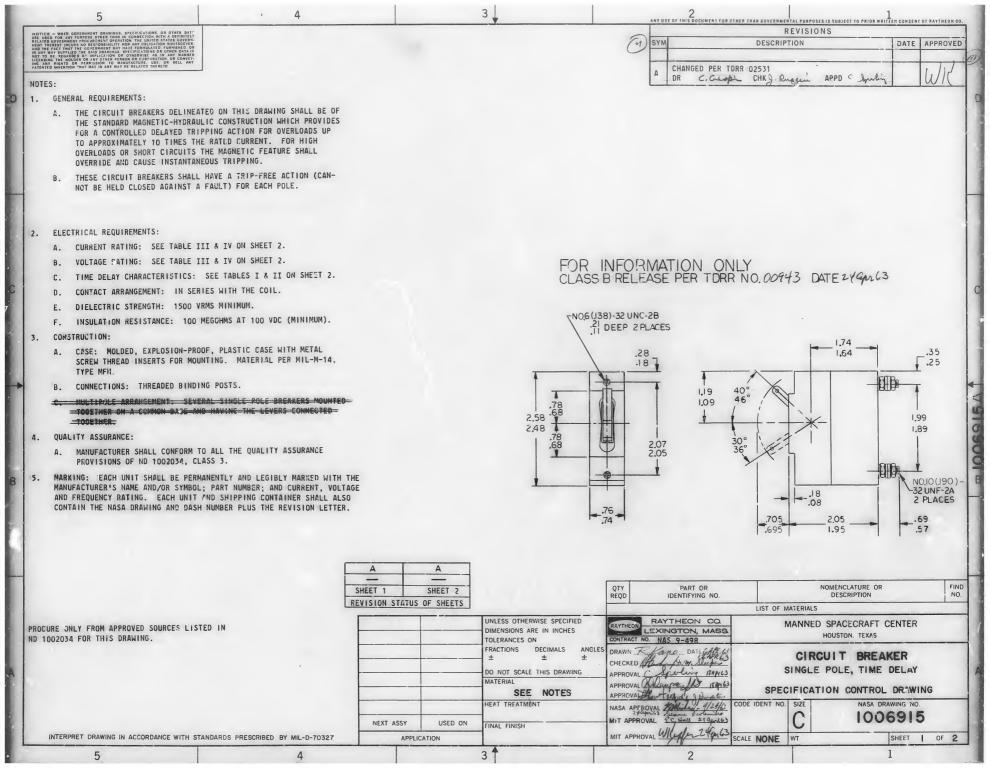












REVISIONS DESCRIPTION DATE APPROVED CHANGED PER TORR 02531

DR L. Cuspin CHK') Puggen APPD Chrolin

TABLE I

TIME		60	CPS			Di	C		
LAPSE	CURVE 4		CUF	IVE 5	CUI	RVE 4	CURVE 5		
PERCENT TRIP	MAY TRIP AFTER SEC	MUST TRIP BEFORE SEC	MAY TRIP AFTER SEC	MUST TRIP BEFORE SEC	MAY TRIP AFTER SEC	MUST TRIP BEFORE SEC	MAY TRIP AFTER SEC	MUST TRIP BEFORE SEC	
UP TO 100%	MUST	NOT TRIP	MUST N	OT TRIP	MUST	NOT TRIP	MUST N	T TRIP	
MAY TRIP 101-125%									
125	15	70	1.0	6.0	12	50	.75	3.0	
150	7.0	25	60	2.5	6.0	.21 ←	.39	1.4	
200	3.0	9.45	. 25	.84	2.5	8.C	.155	.55	
300	1.15	3.6	.09	.30	.73	2.4	.067	.22	
400	.56	1.8	.052	.156	.36	1.2	.04	.13	
500	.30	1.0	.033	.10	.215	.66	.025	08	
600	.19	.60.	.02	.07	.155	.50	.016	.05	
700	.094	.30	-014	.05	.089	.30	.012	.04	
800	.04	.13	.012	.043	.011	.06	.011	.035	
900	.012	.06	.012	.043	.01+	.03	.011	.03	
1000	.01+	-03	.010+	.043	.01+	.03	011	.03	
OVER 1000	.01+	.03	.010+	.03	.01+	.03	.010+	.03	

			IADL	E 111										
DASH	DA	DASH NUMBERS FOR VARIOUS TIME DELAYS AND FREQUENCIES												
AMP NO.	32	VDC	125 V	60 CPS	120	V 400 CPS								
RATING	CURVE 4	CURVE 5	CURVE 4	CURVE 5	CURVE 14	CURVE 15	CURVE 16							
7.5	- 1	- 2	- 3	- 4	- 5	- 6	- 7							
10	- 8	- 9	-10	-11	-12	-13	-14							
15	-15	-16	-17	-18	~19	-20	-21							
20	-22	-23	-24	-25	-26	-27	-28							
30	-29	-30	-31	-32	-33	-34	-35							

TABLE II

TIME			400 CPS				
LAPSE	CURV	E 14	CURV	E 15	CURVE 16		
PERCENT TO TRIP.	MAY TRIP AFTER SEC	MUST TRIP BEFORE SEC	MAY TRIP AFTER SEC	MUST TRIP BEFORE SEC	MAY TRIP AFTER SEC	MUST TRIP BEFORE SEC	
UP TO 100%	MUST	NOT TRIP	MUST	NOT TRIP	MUST N	OT TRIP	
MAY TRIP 101-150%		1		-	×		
150	60	420	7.0	70	.60	4.0	
200	22	89	2.2	8.0	. 20	.60	
300	8.0	24	.80	2.4	.07	.21	
400	4.0	12	.40	1.25	.035	.12	
500	2.2	7.5	. 25	.80	.025	.08	
550	1.3	4.0	.20	.60	.020	.06	
600	.40	1.4	.15	.45	.015	.05	
650	.03	.10	.03	.10	.012	.04	
700	.01+	.04	.01+	.04	.010+	.037	
800	.01+	.032	.01+	.032	.010+	.032	
900	.01+	.031	.01+	.031	.010+	.031	
OVER 1000	.01+	.03	.01+	.03	.010+	.03	

TABLE IV

DASH NO.	DA	DASH NUMBERS FOR VARIOUS TIME DELAYS AND FREQUENCIES												
CURRENT	50	VDC MAX	250 V 6	O CPS MAX	250 VAC 400 CPS MAX									
RATING	CURVE 4	CURVE 5	CURVE 4	CURVE 5	CURVE 14	CURVE 15	CURVE 16							
7.5	-36	-37	-38	-39	-40	-41	-42							
10	-43	-44	-45	-46	-47	-48	-49							
15	-50	-51	-52	-53	-54	-55	-56							
20	-57	-58	-59	-60	-61	-62	-63							
30	-64	-65	-66	-67	-68	-69	-70							

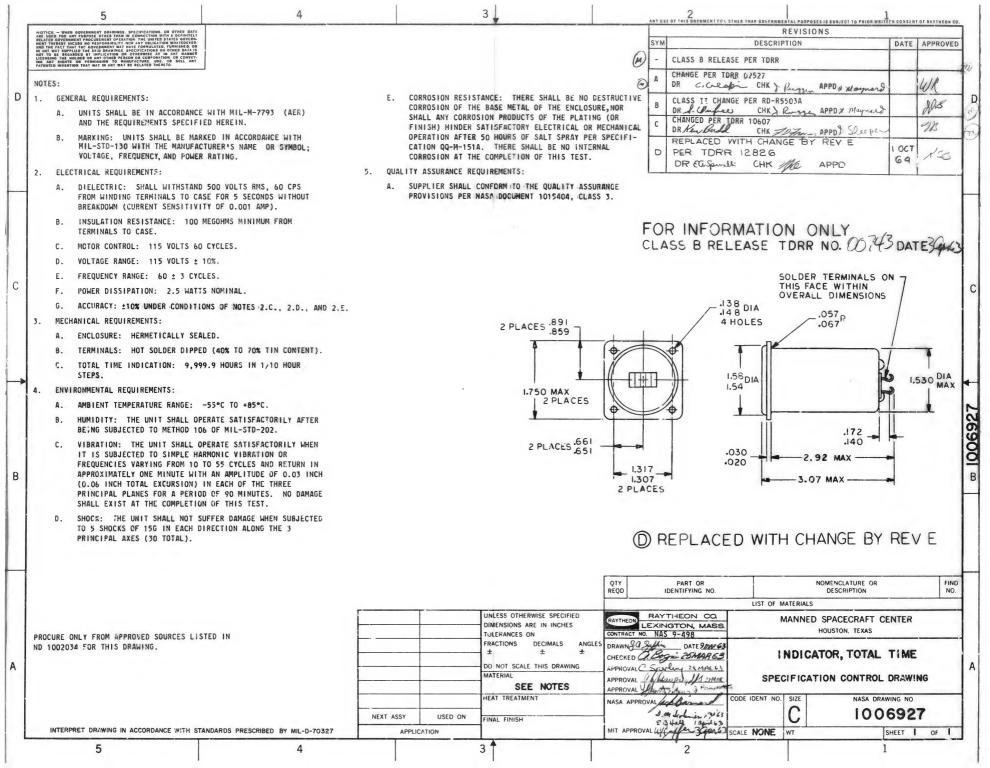
## FOR INFORMATION ONLY

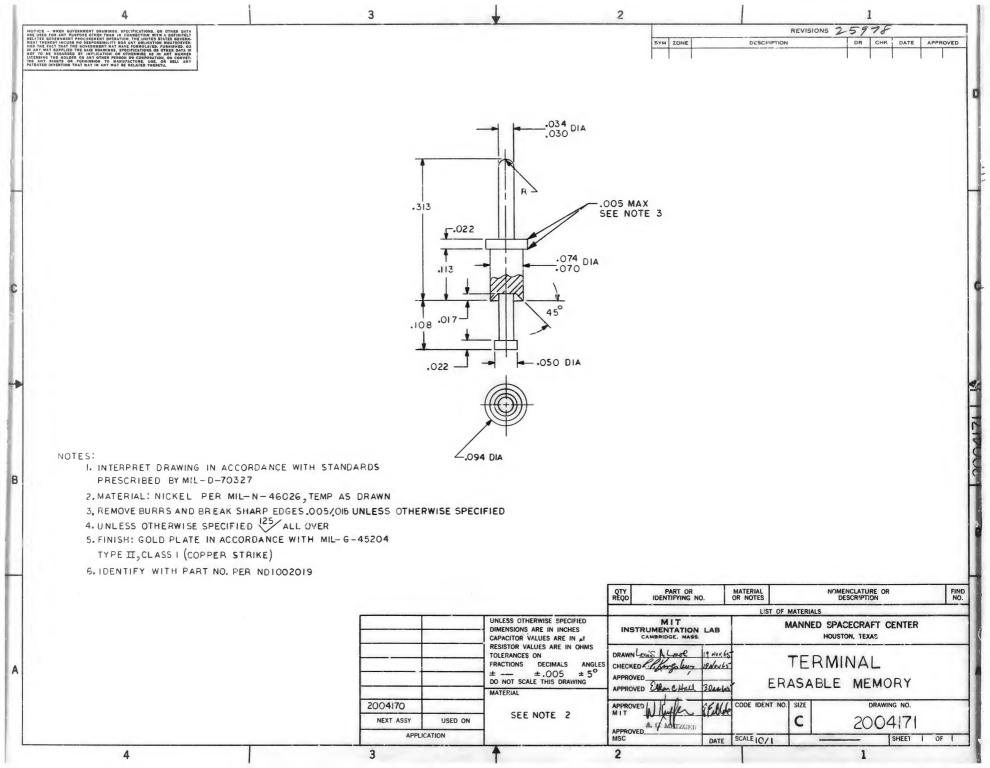
CLASS B RELEASE TDR No. 00 943 DATE 84 april 63

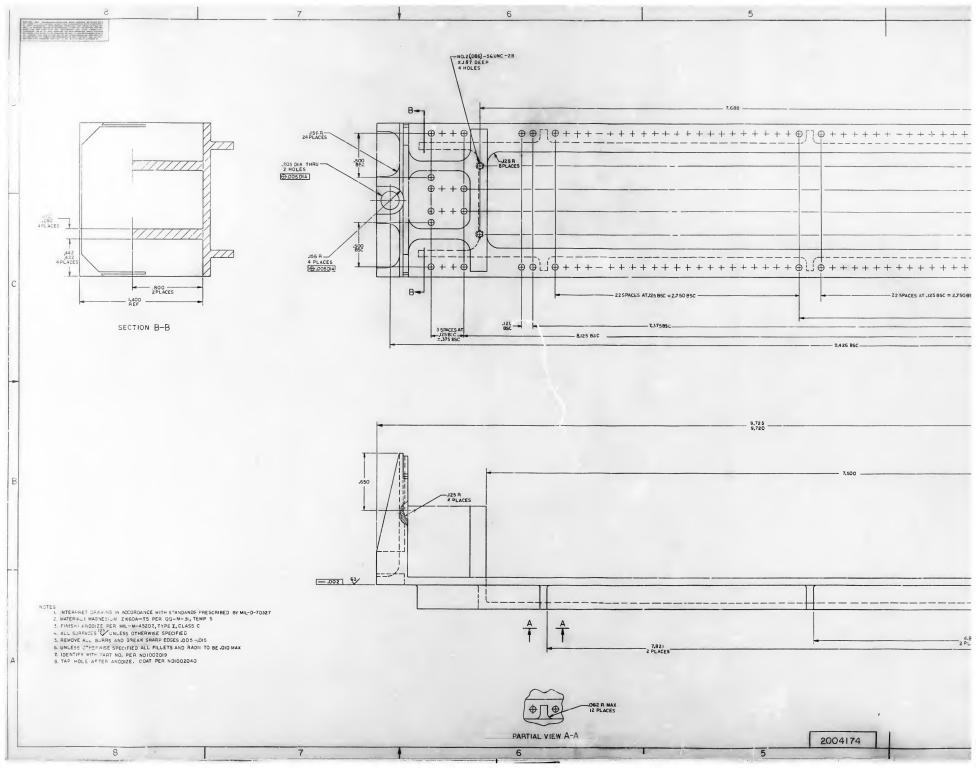
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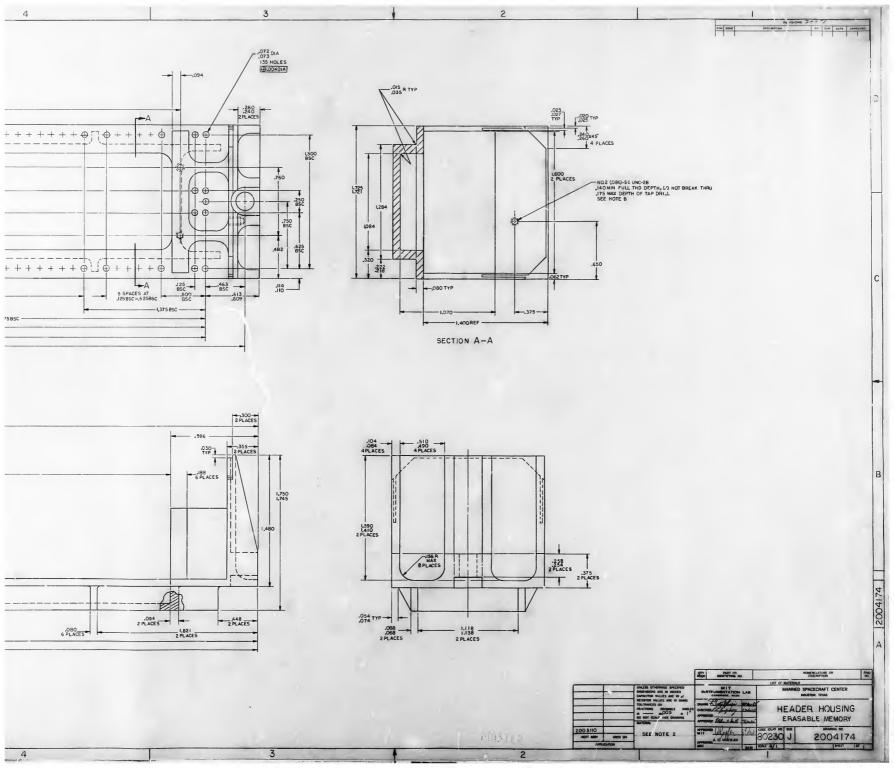
			REQUIT IDENTIFYING NO.		DE TRIFITON	140.
.010+	.03			LIST OF MATERI	IALS	
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLFRANCES ON	RAYTHEON CO.  RAYTHEON CO.  LEXINGTON, MASS CONTRACT NO.	MAIN	NED SPACECRAFT CENTER HOUSTON, TEXAS	
		FRACTIONS DECIMALS ANGLES  ± ± ±  DO NOT SCALE THIS DRAWING  MATERIAL	DRAWN R FRAME DATE OF THE CHECKED AND LOS HAVE DE SHAPE OF THE PROVAL APPROVAL APPRO	SING	IRCUIT BREAMER LE POLE, TIME DELAY CATION CONTROL DRAWING	
NEXT ASSY	U3ED ON	HEAT TREATMENT	NASA APPROVAL Michael H	CODE IDENT NO. SIZE	NASA DRAWING NO.	
NEXT ASSY USED ON FINAL FINISH		MIT APPROVAL WILLEL Wille	63 COME MONE WY	SUEET 2	or 2	

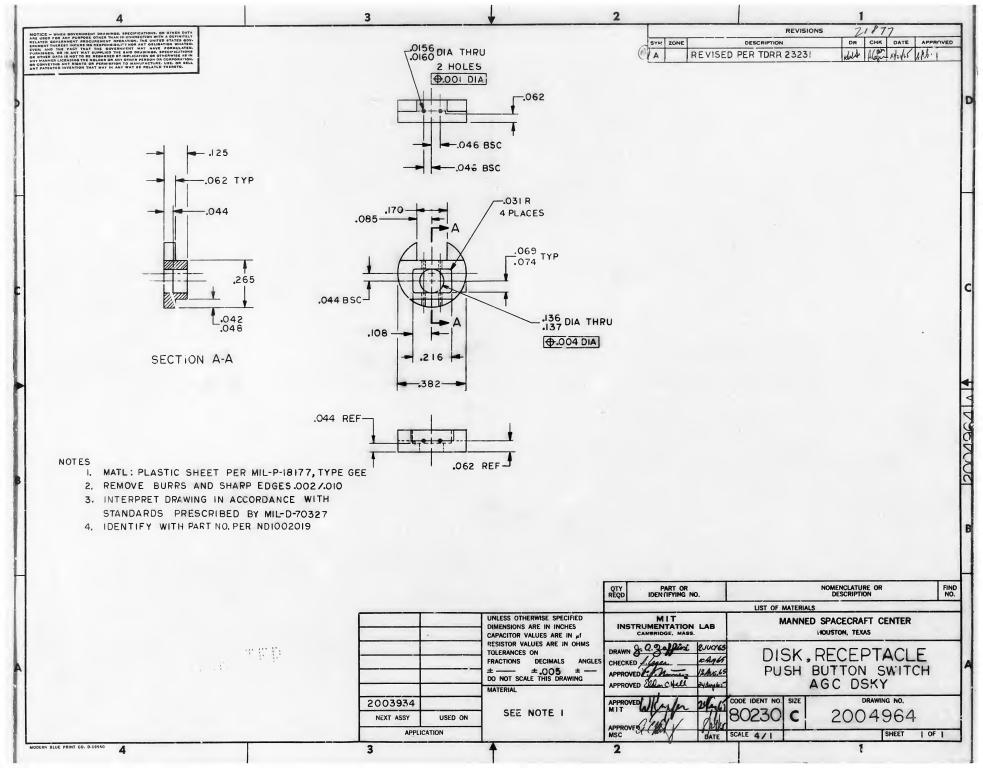
INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327 5

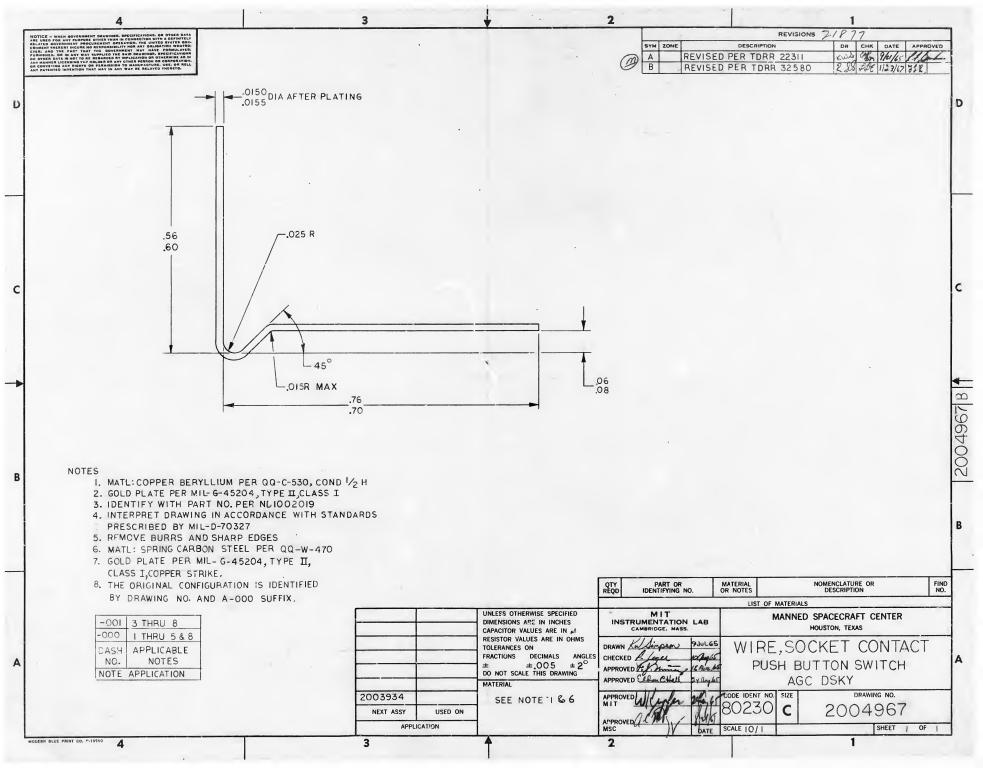


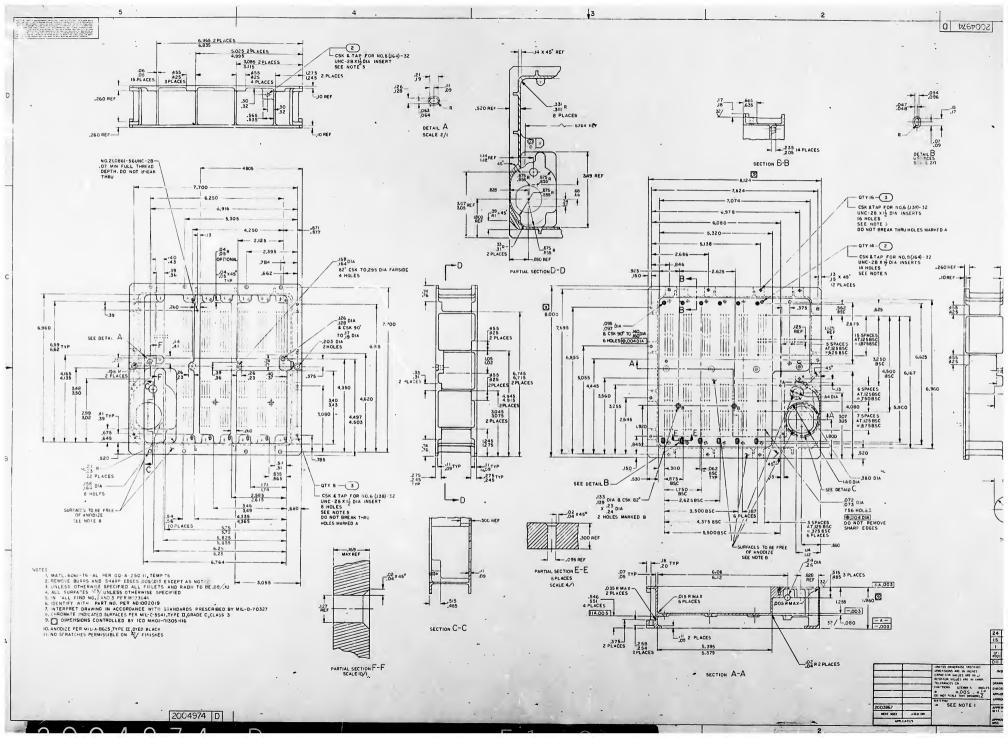


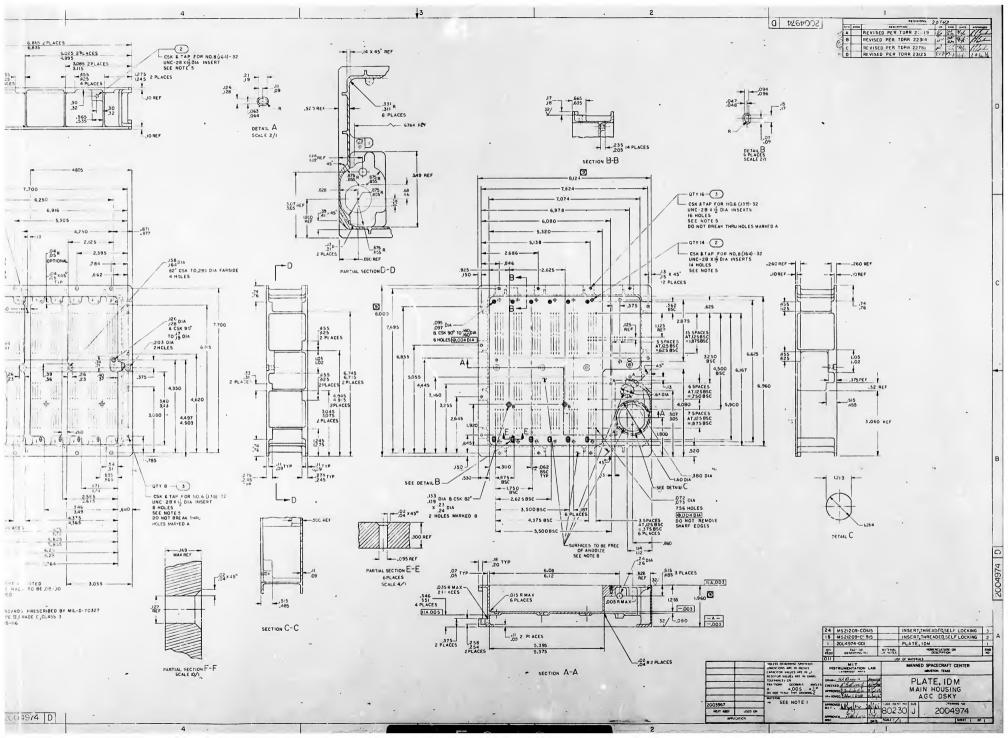


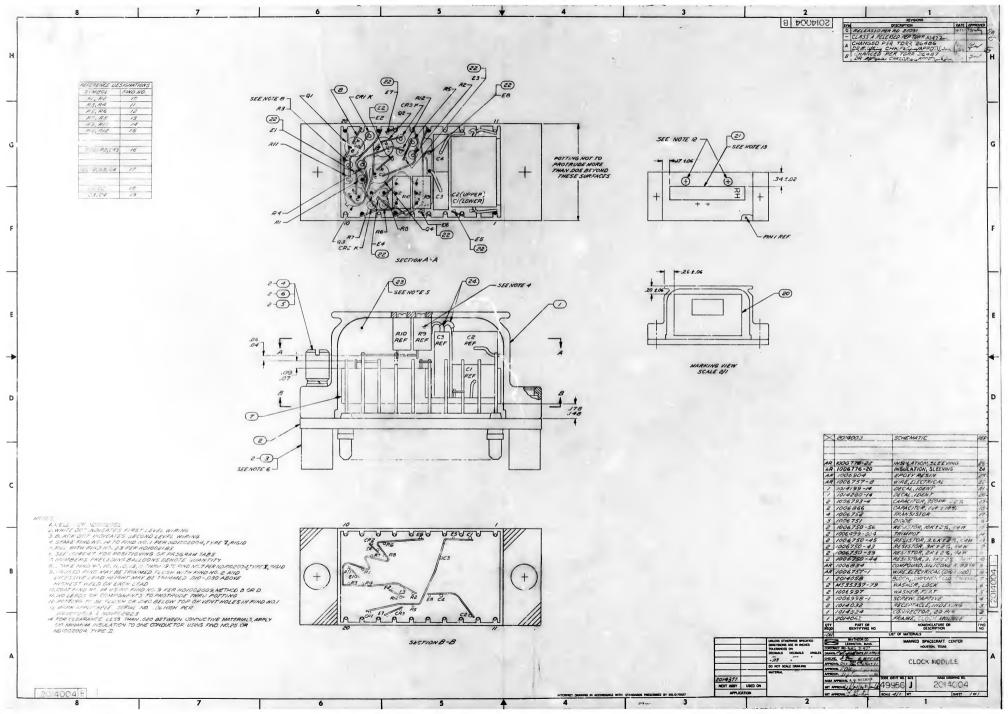


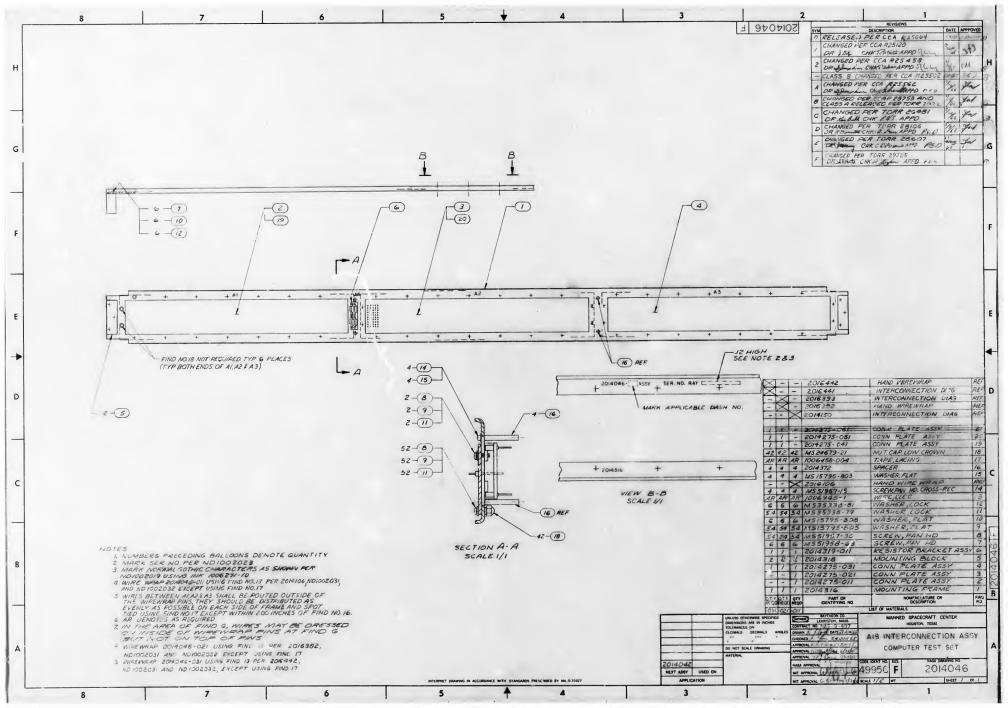


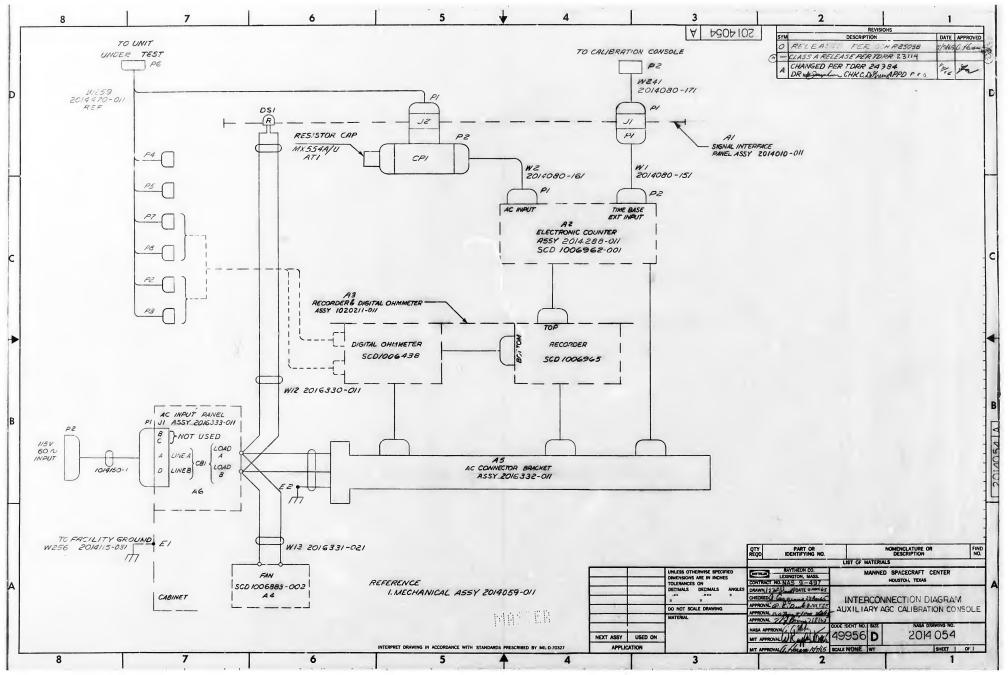


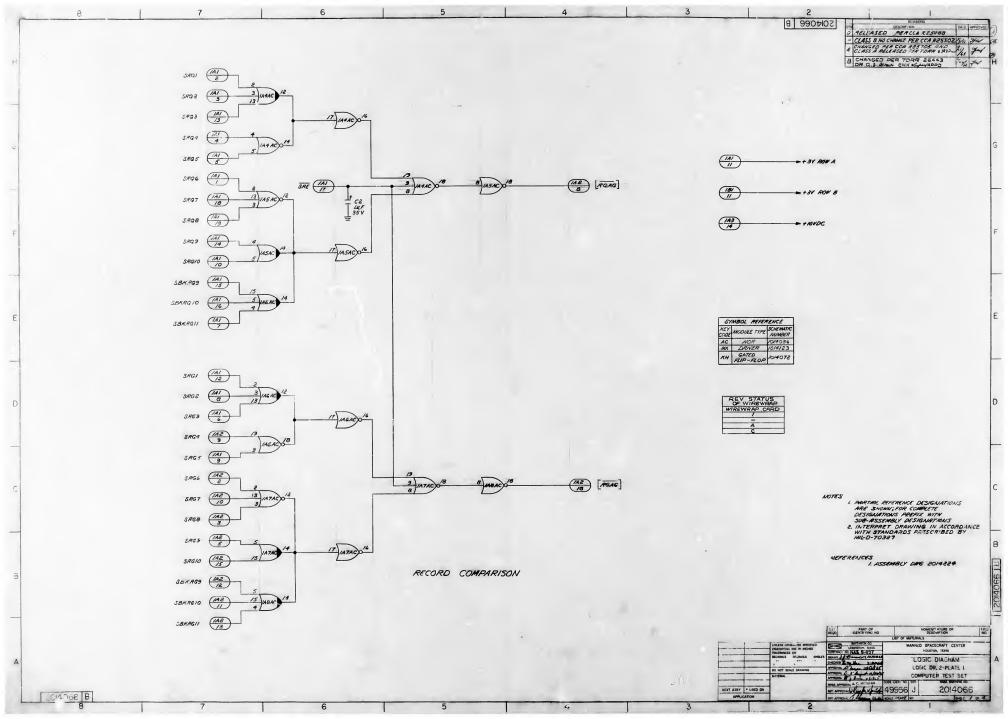


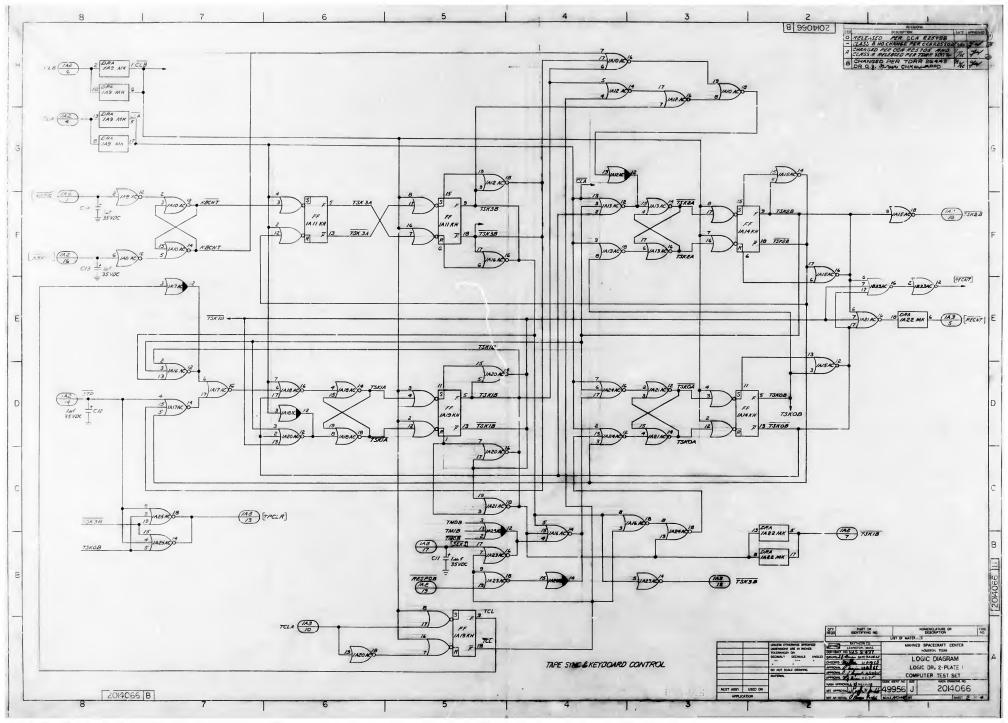


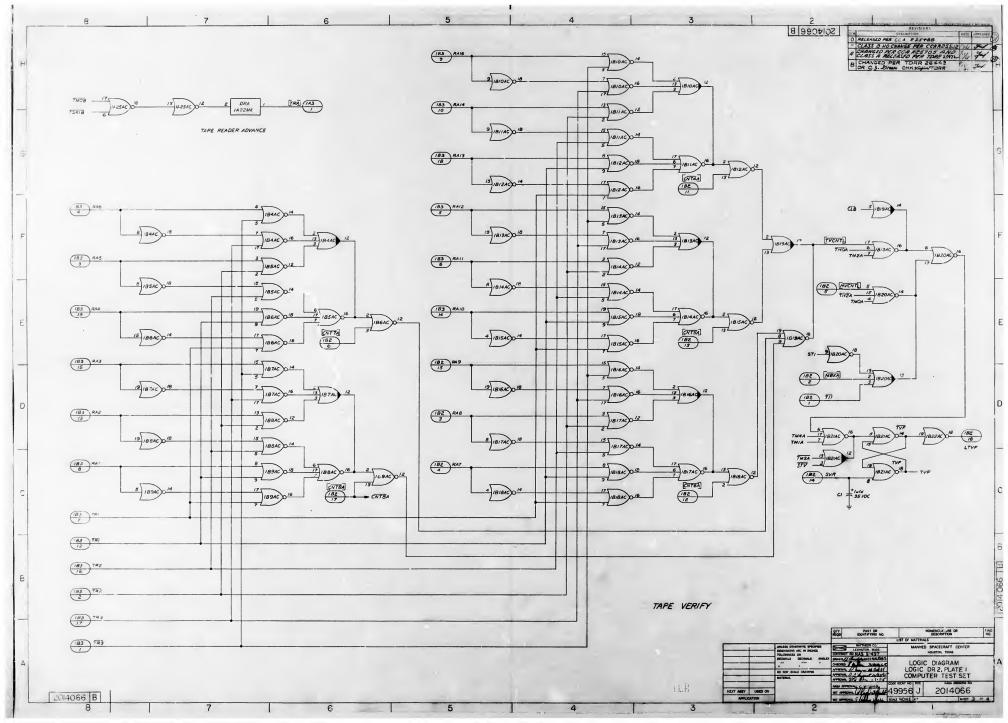


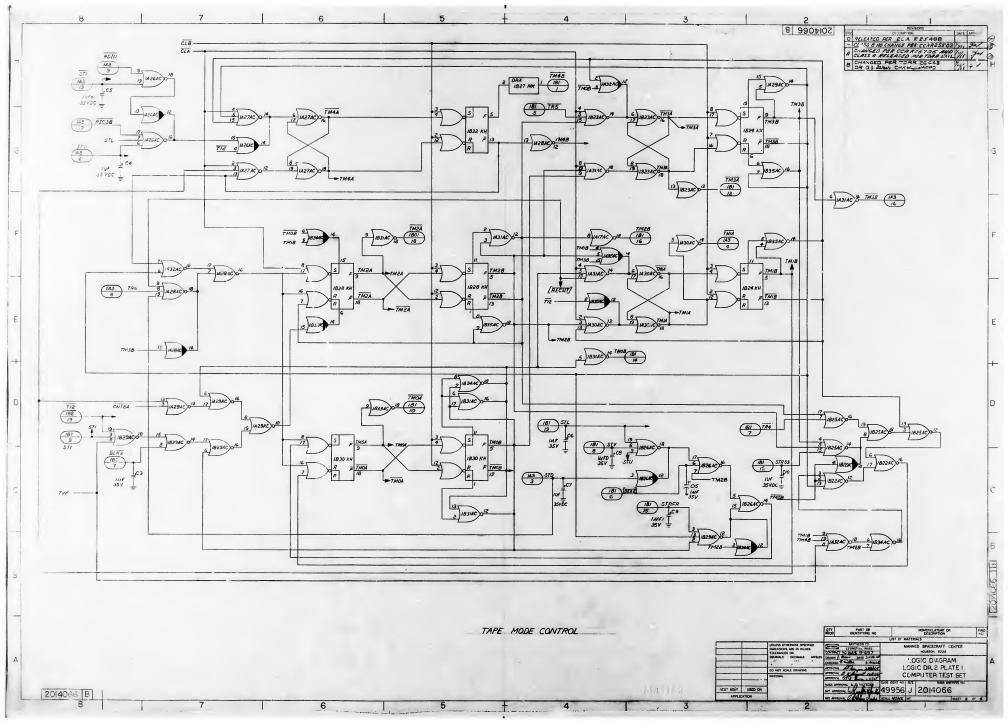


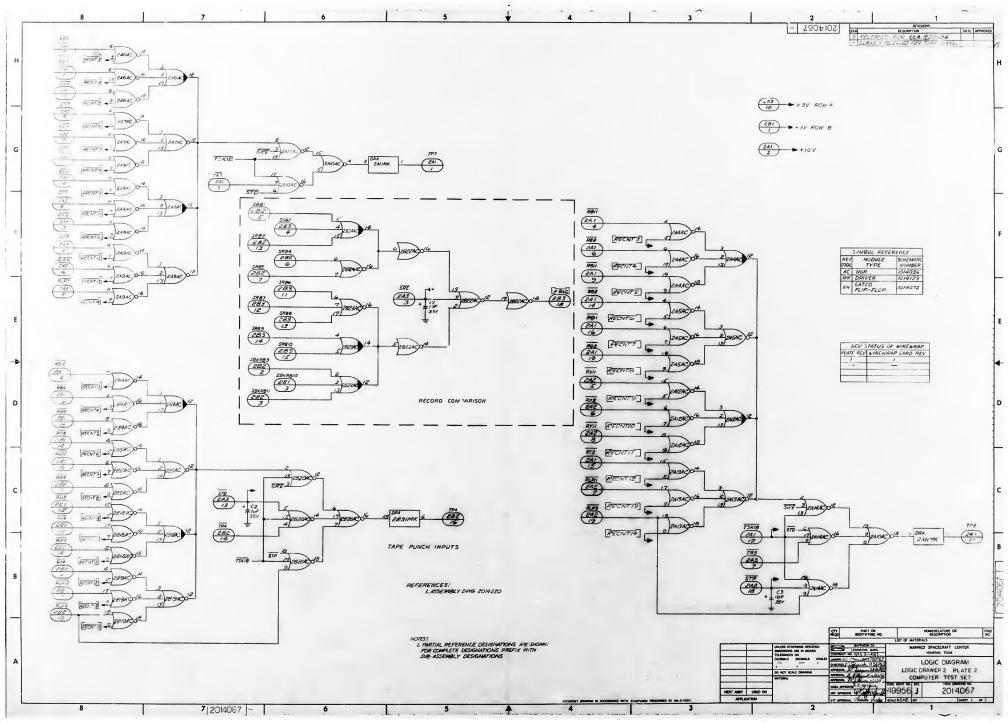


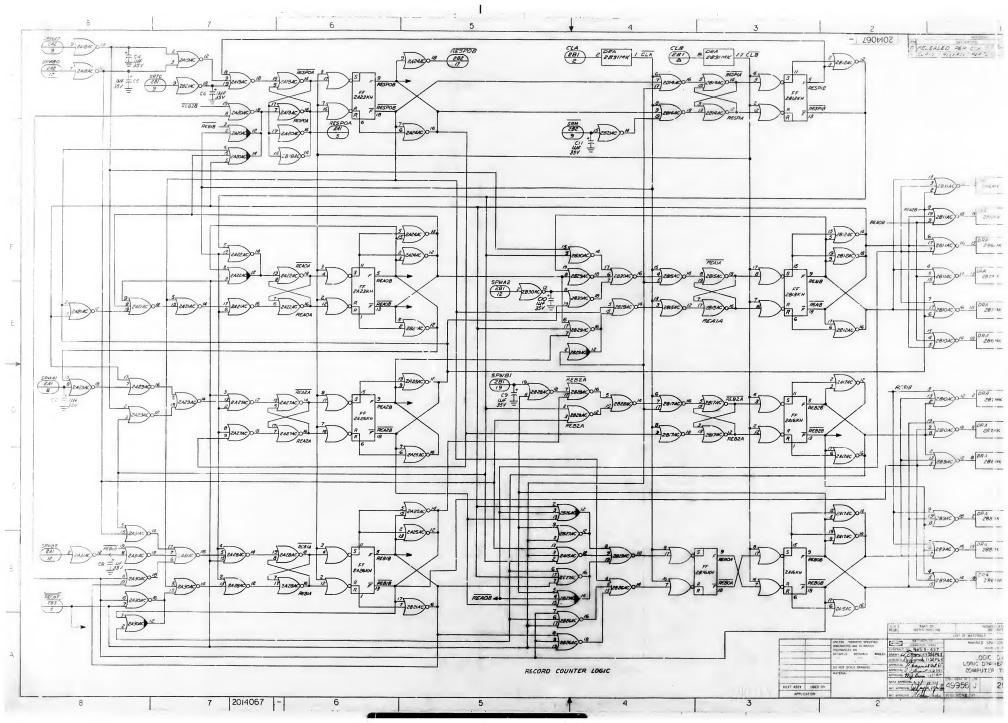


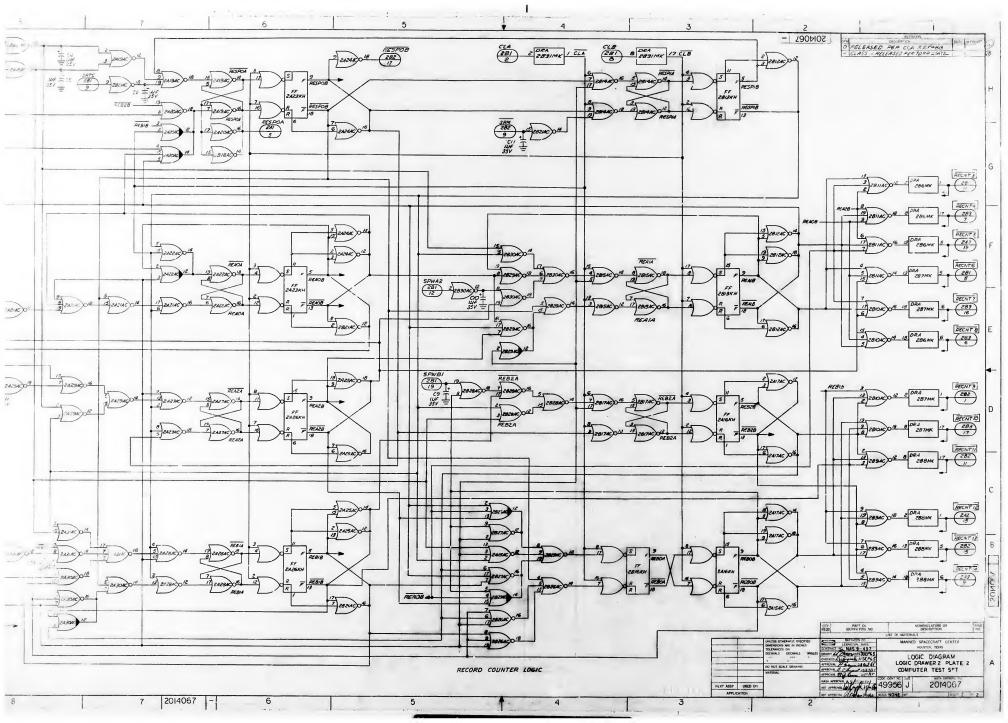


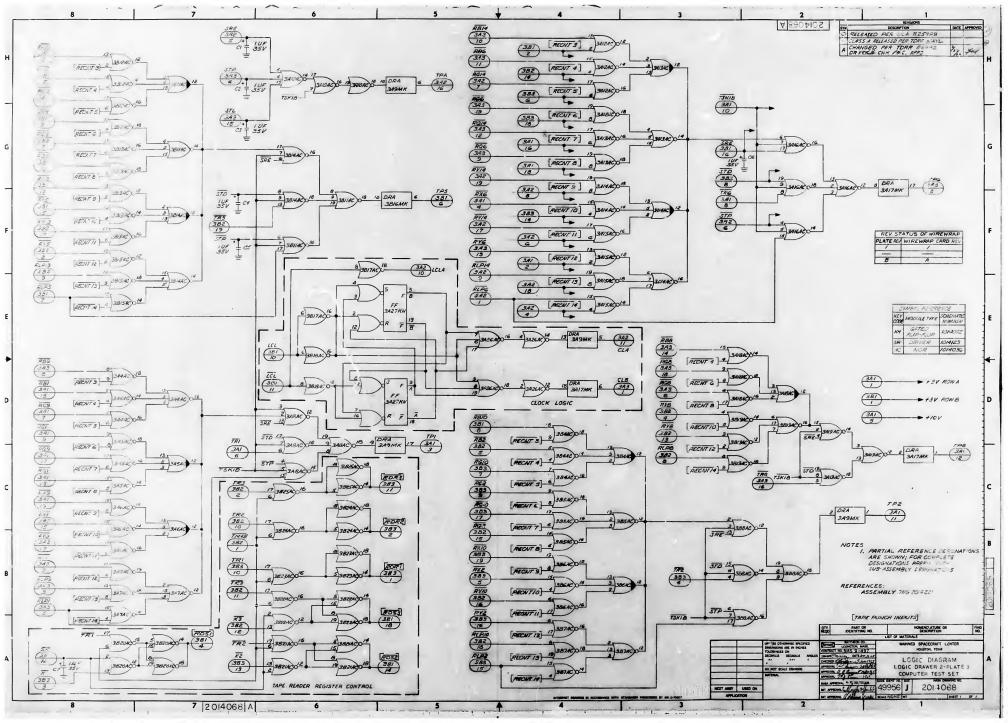


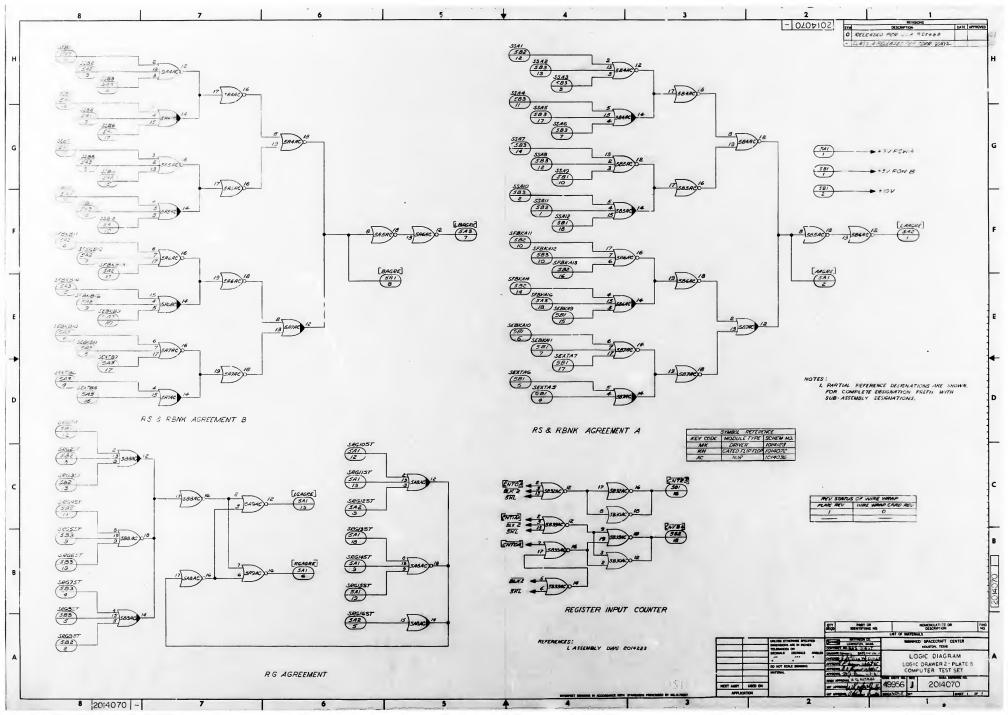


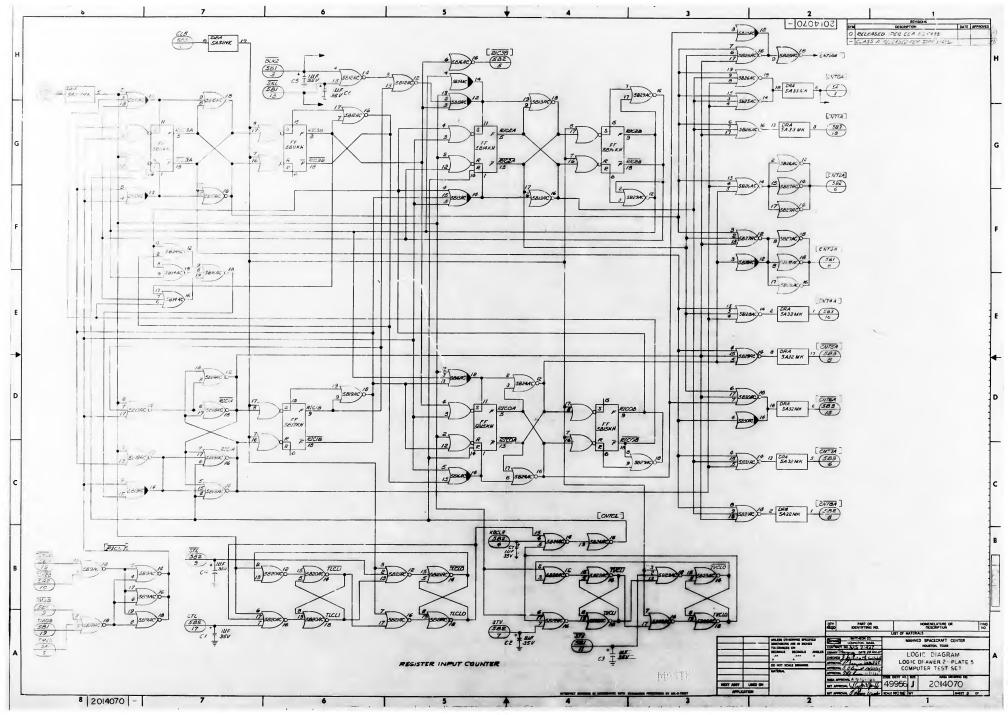


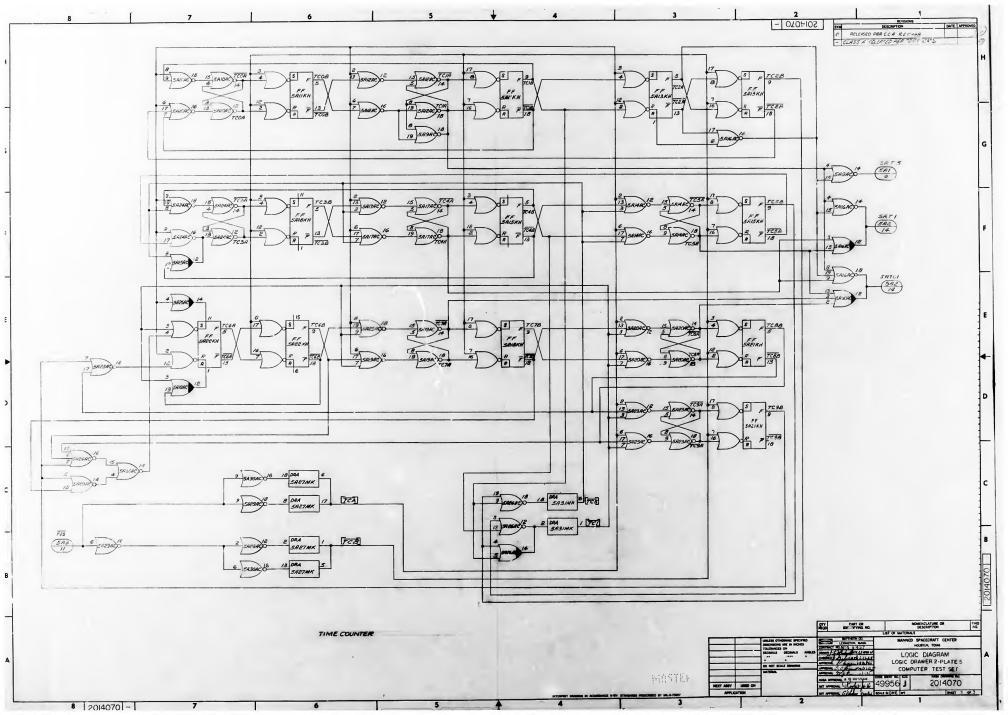


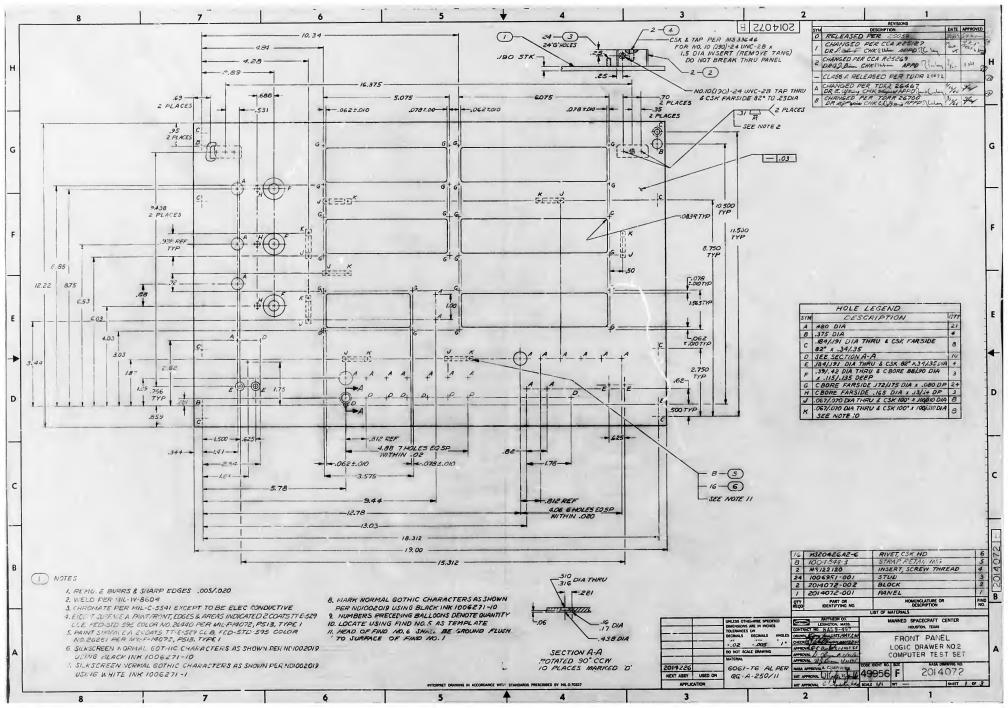


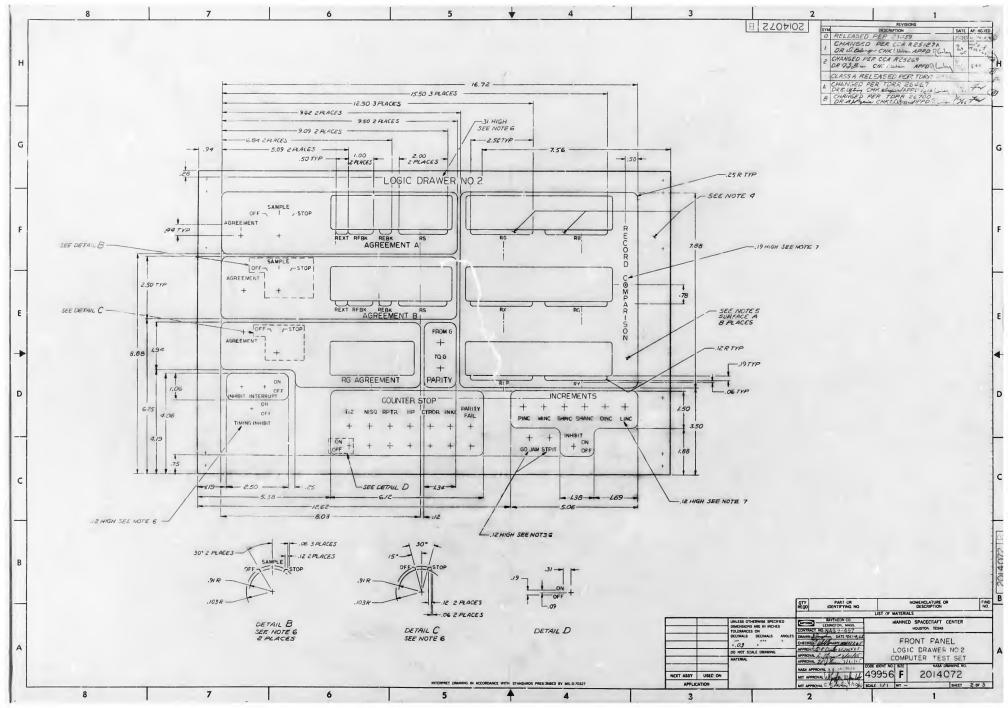


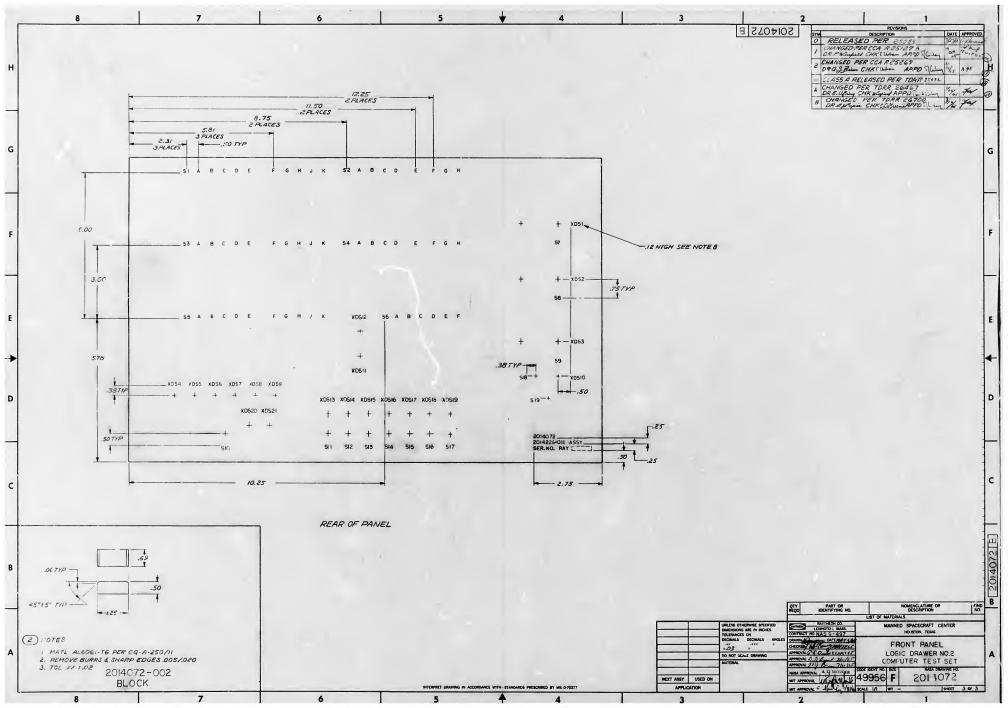


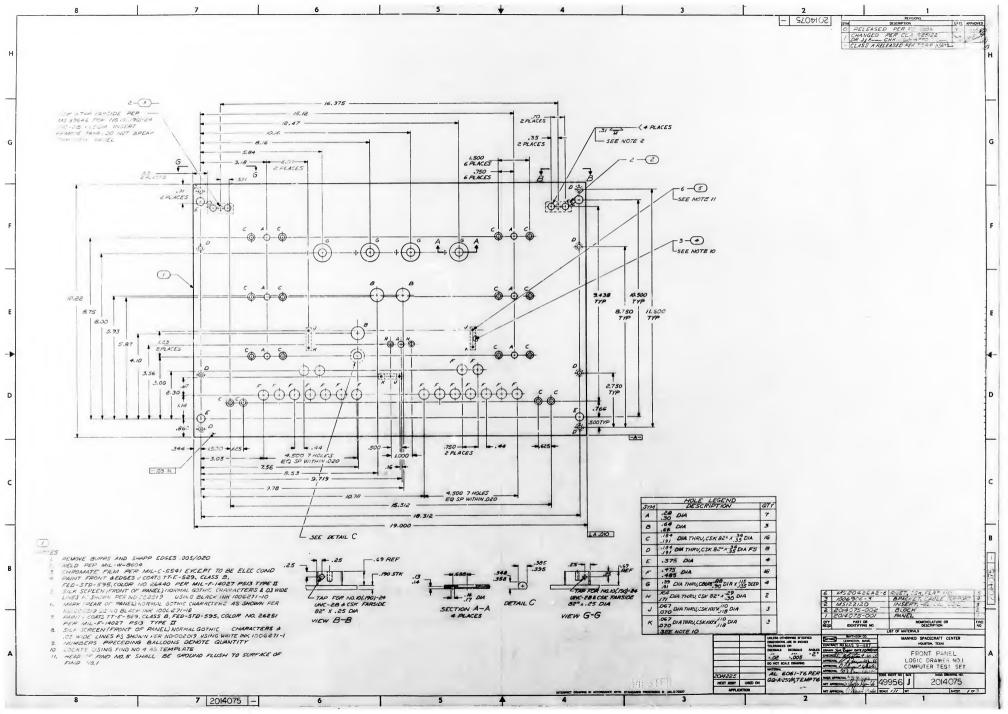


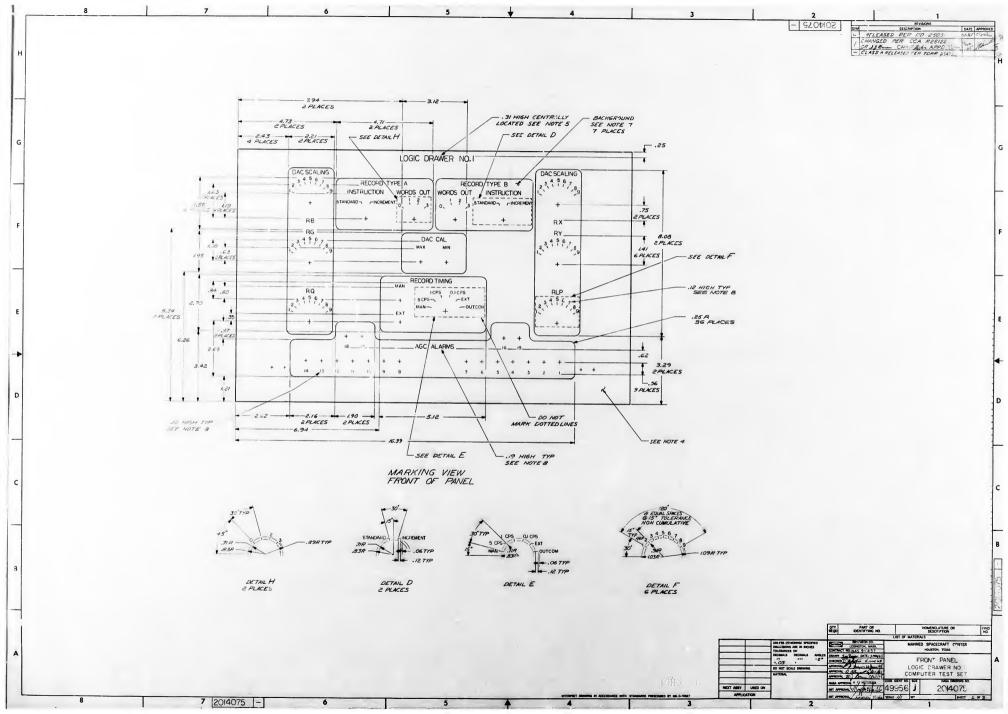


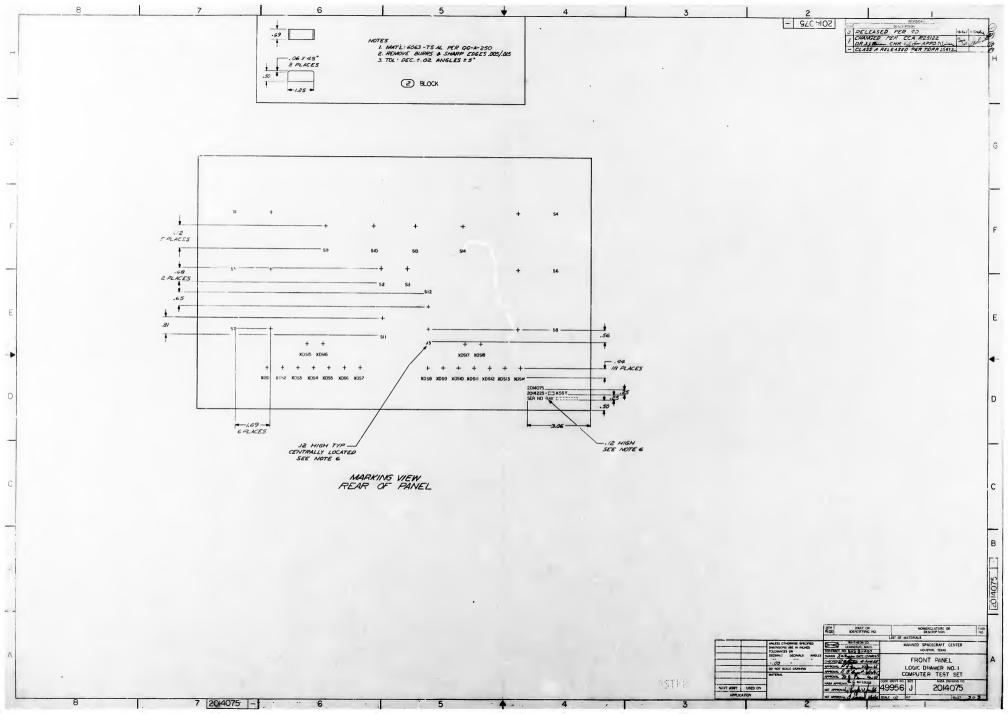


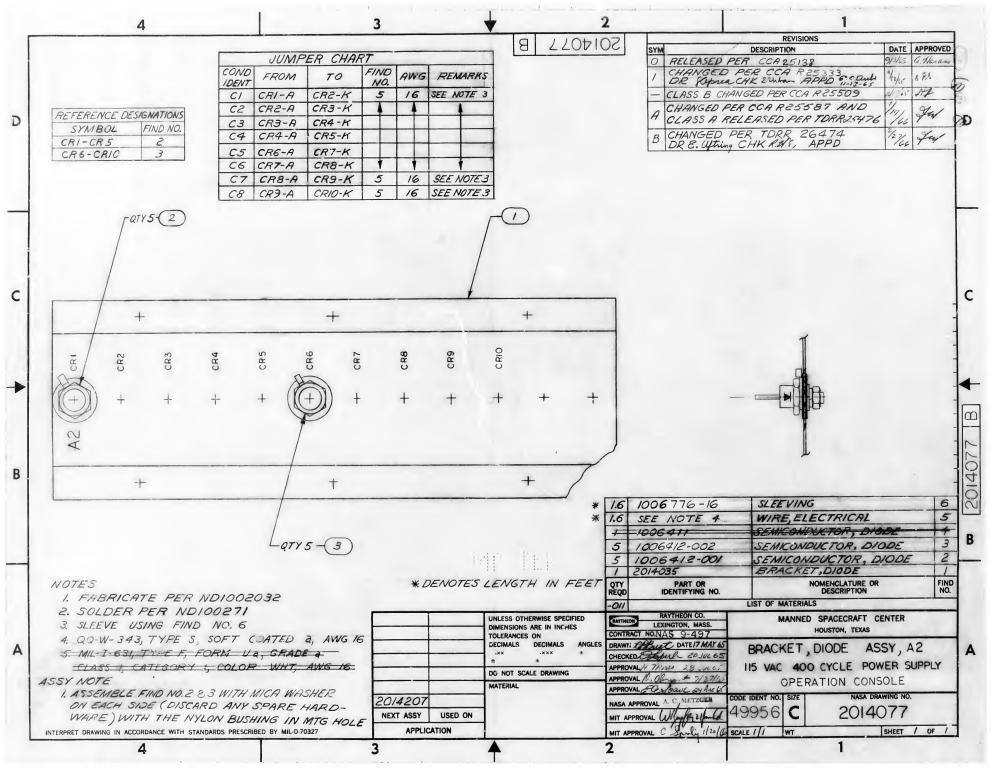


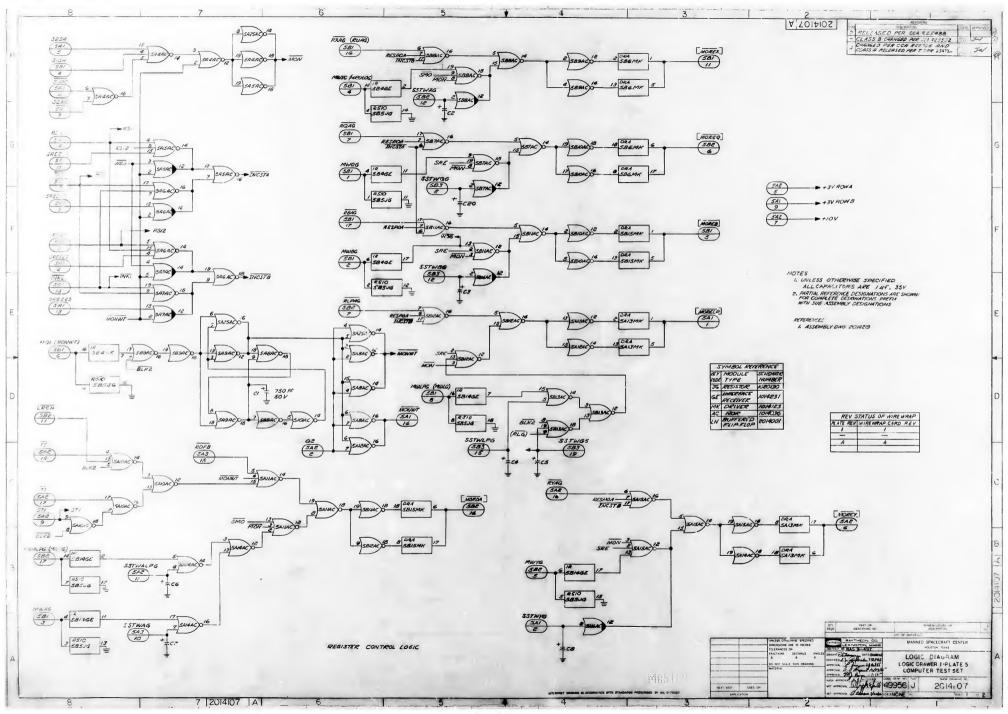


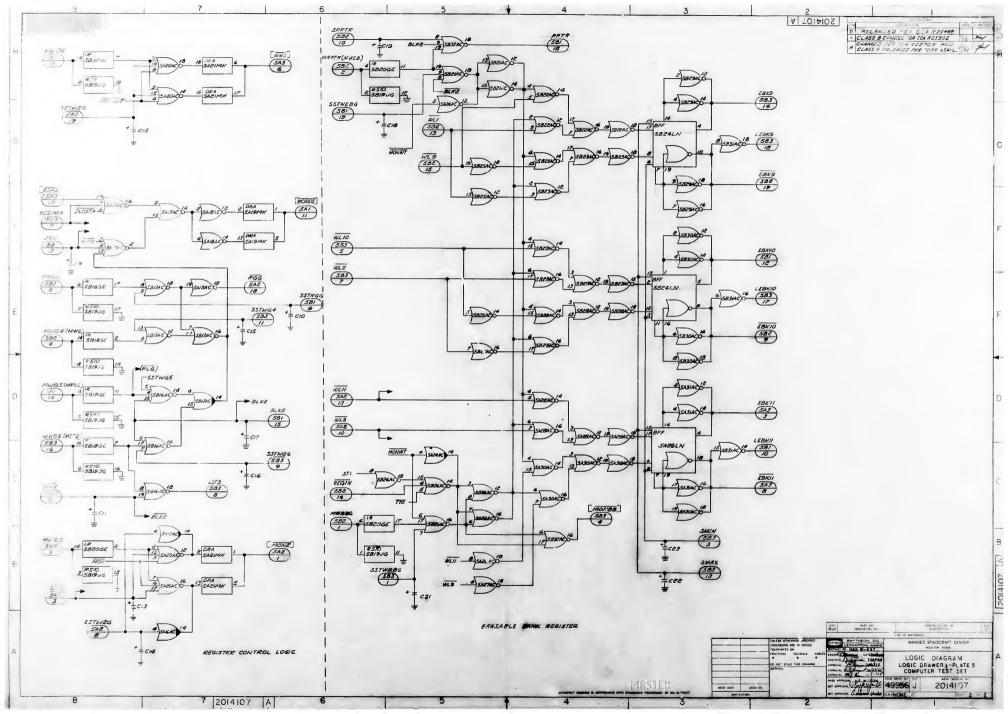


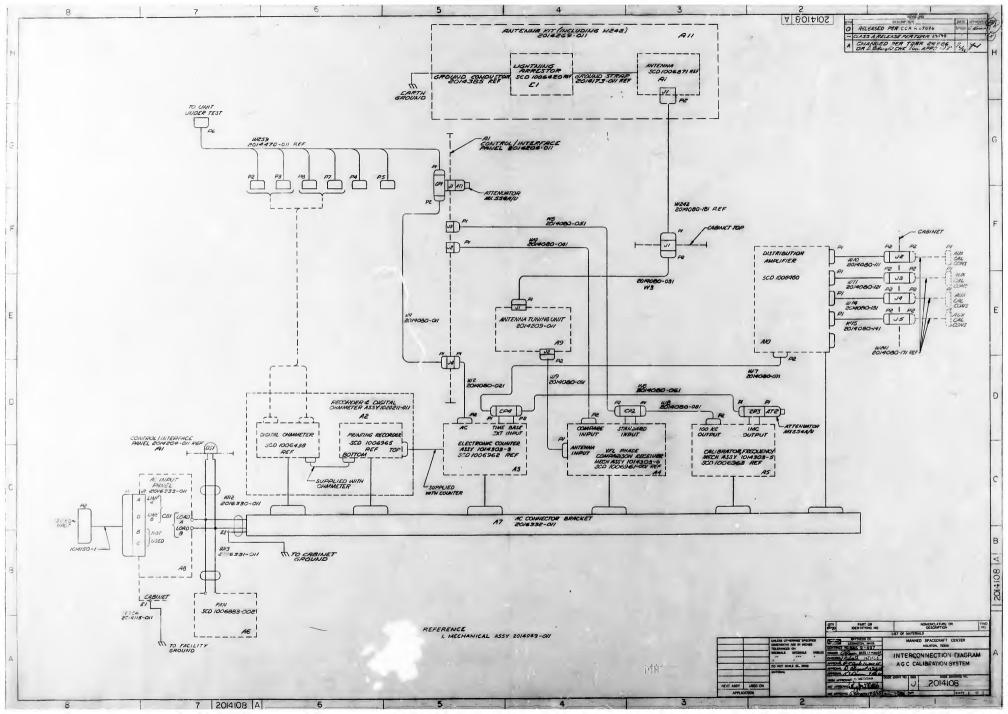


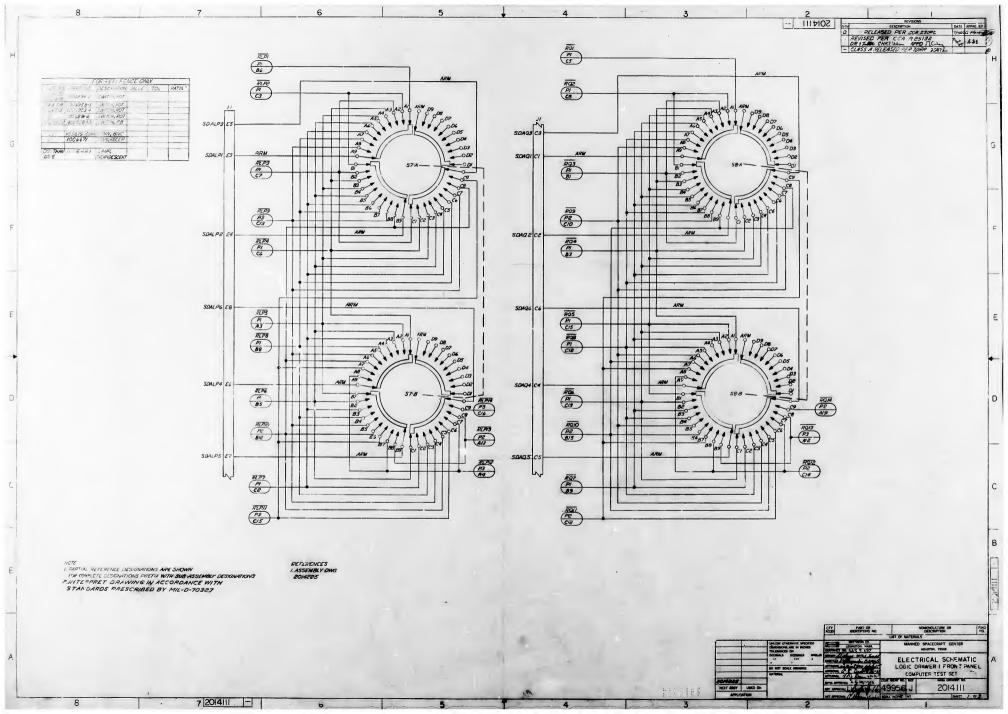


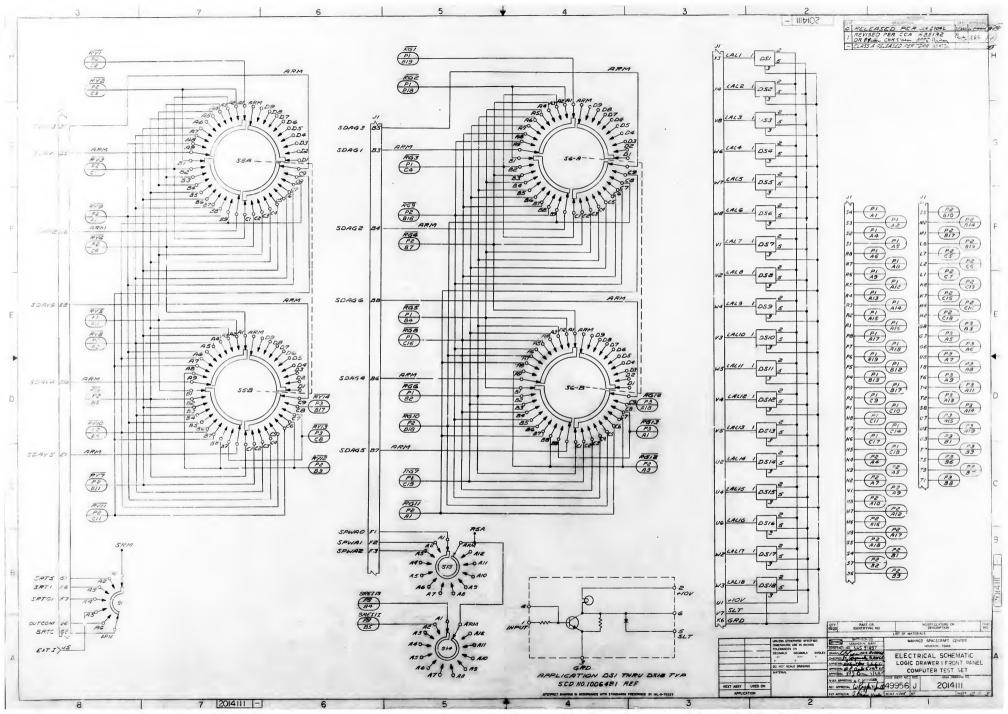


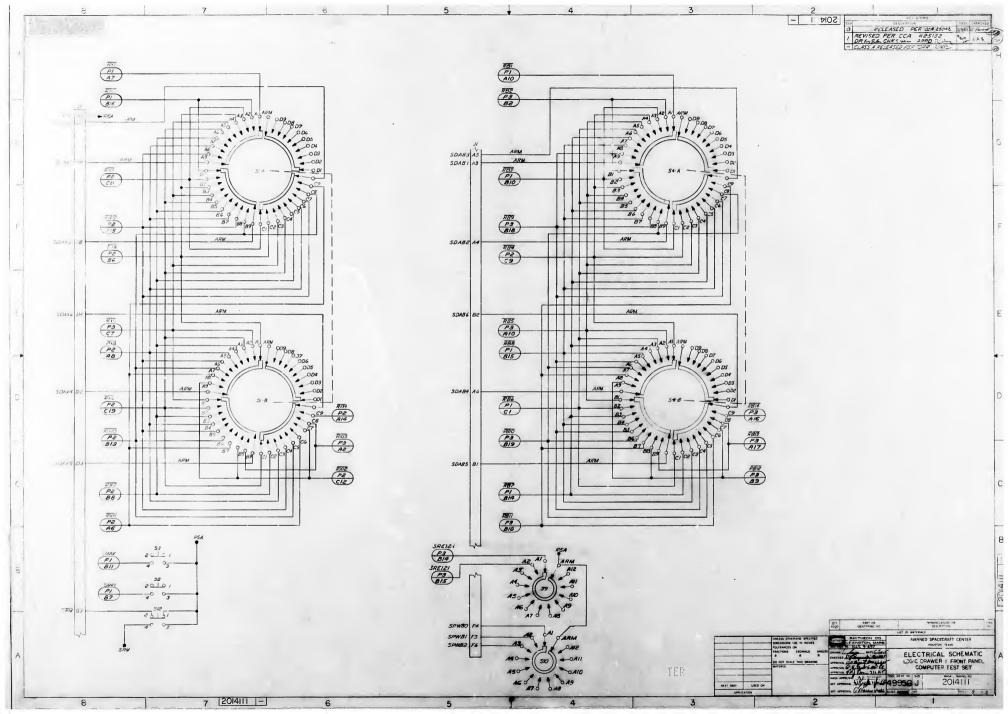


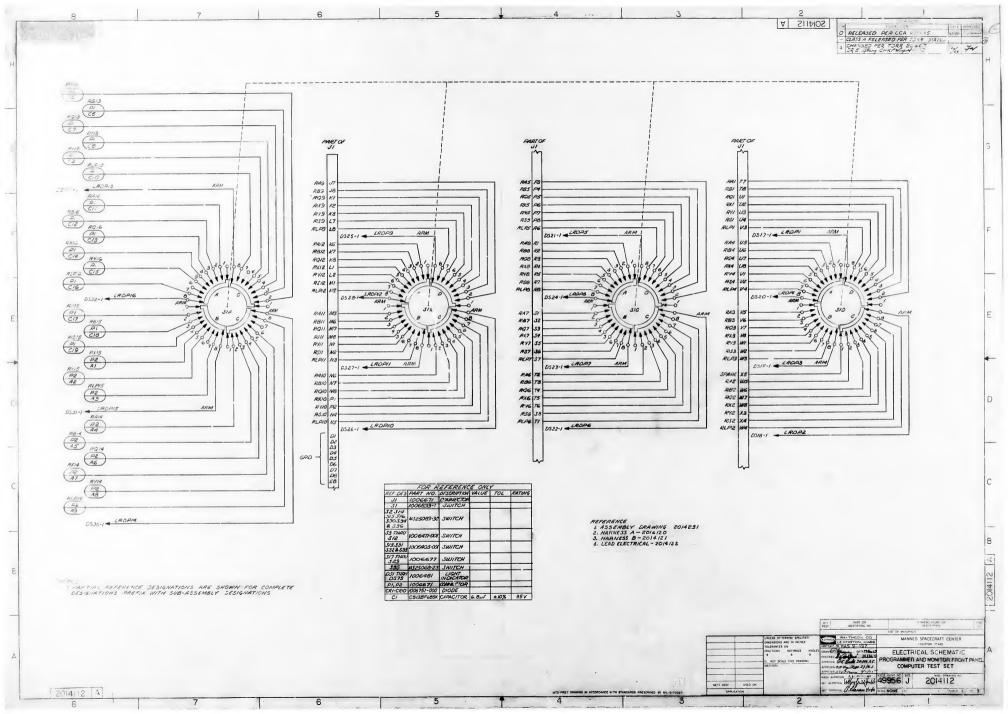


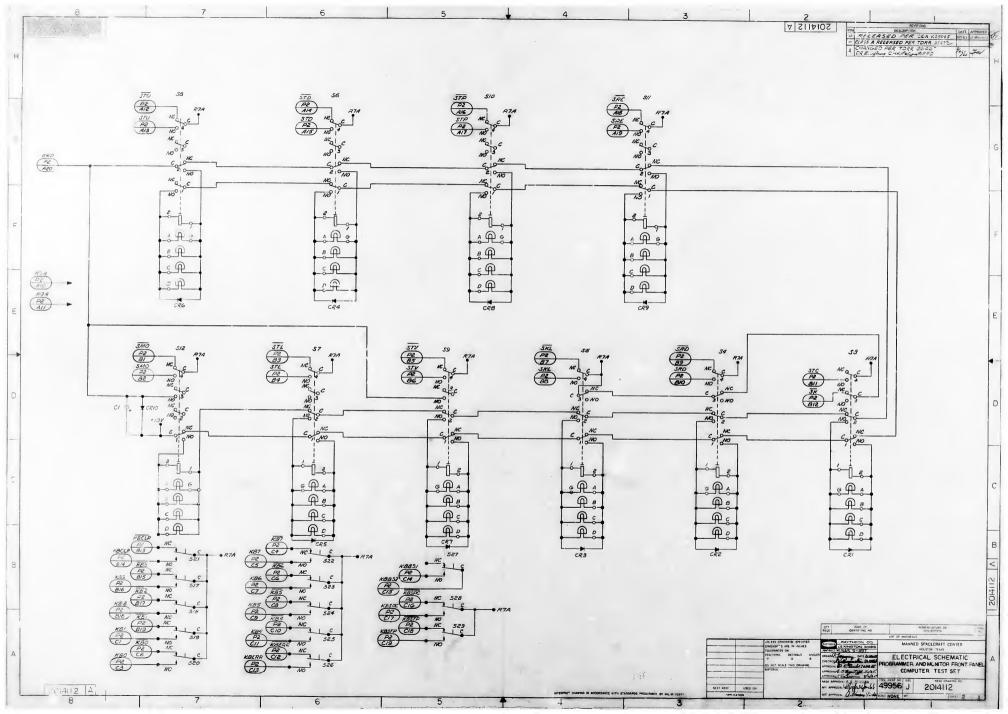


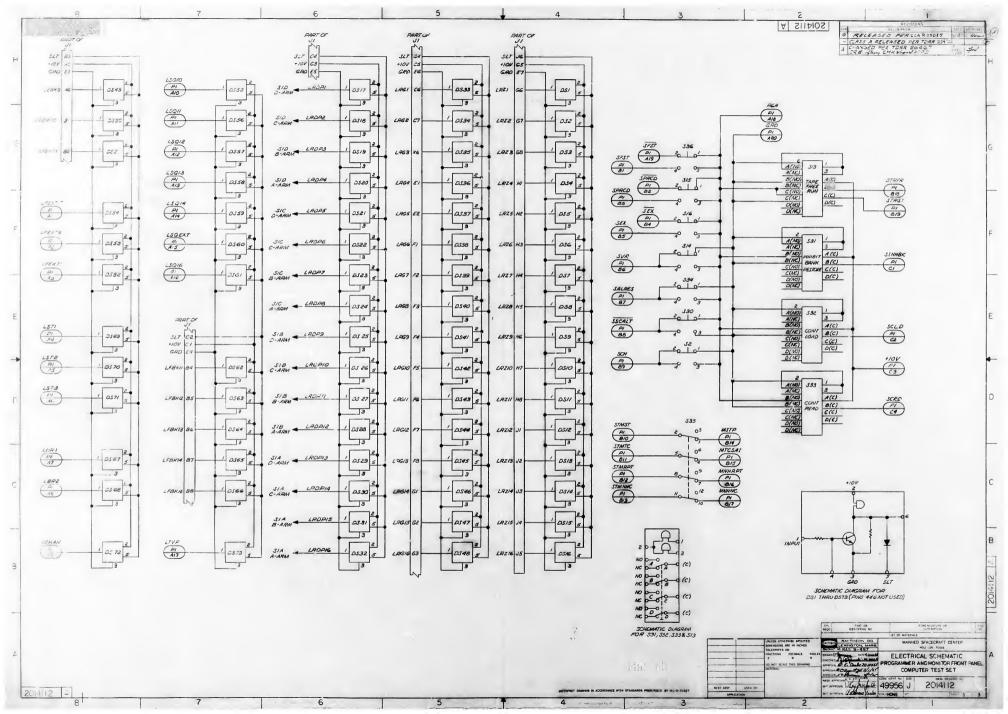


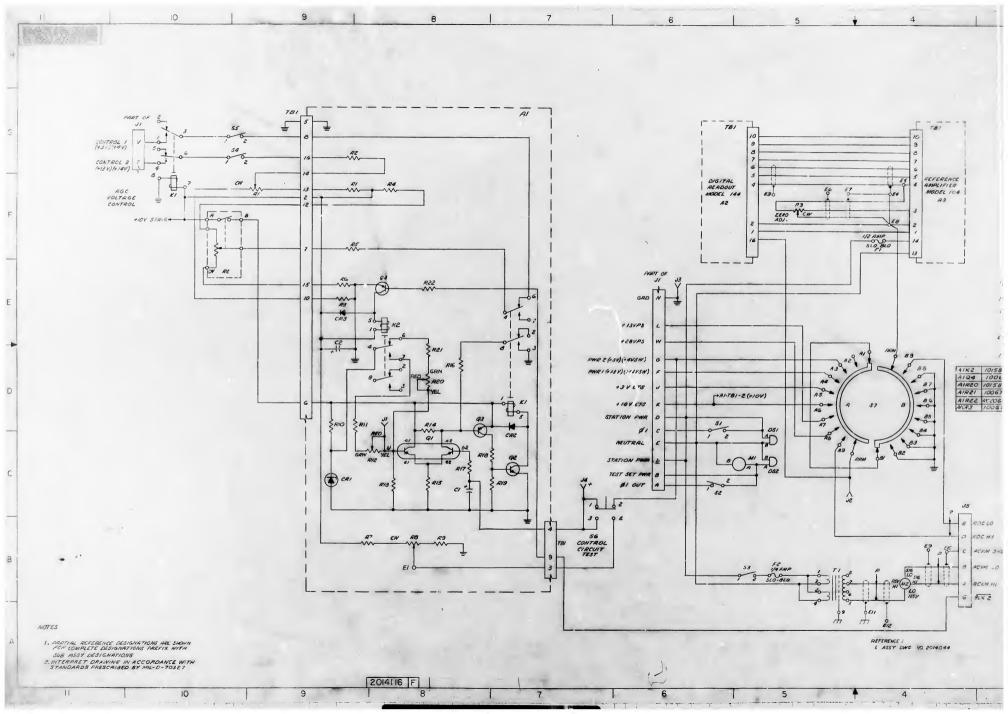


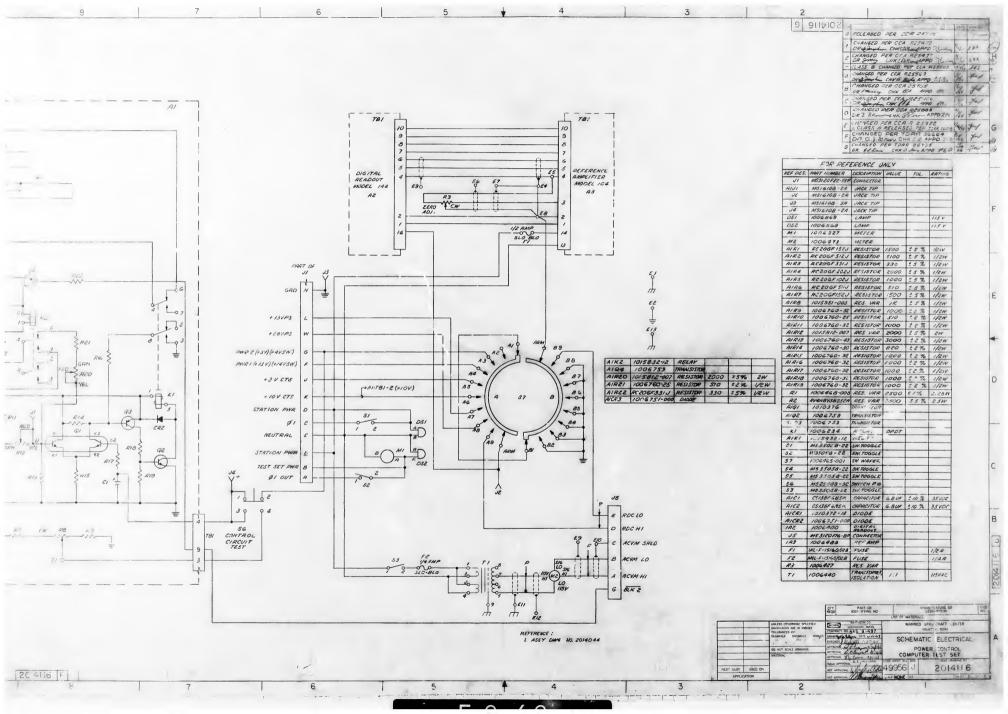


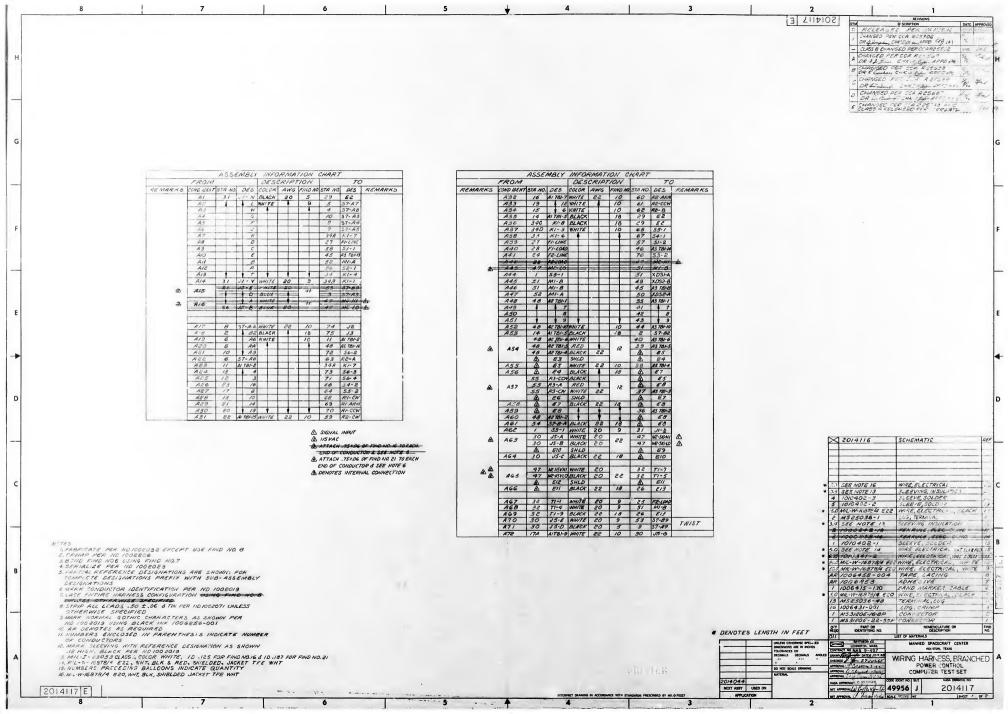


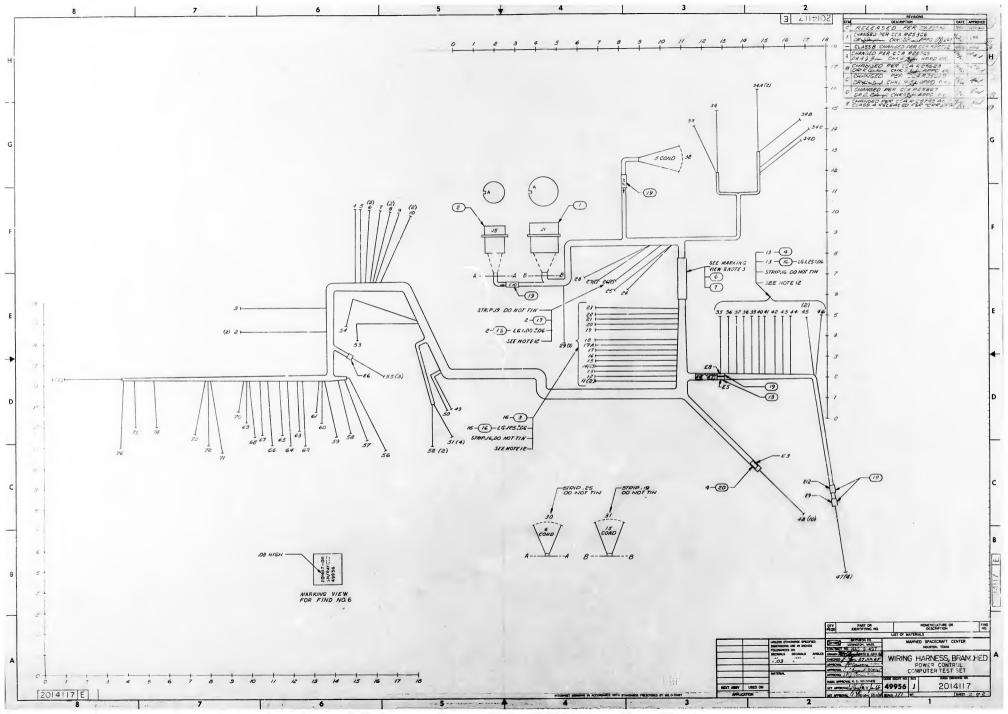


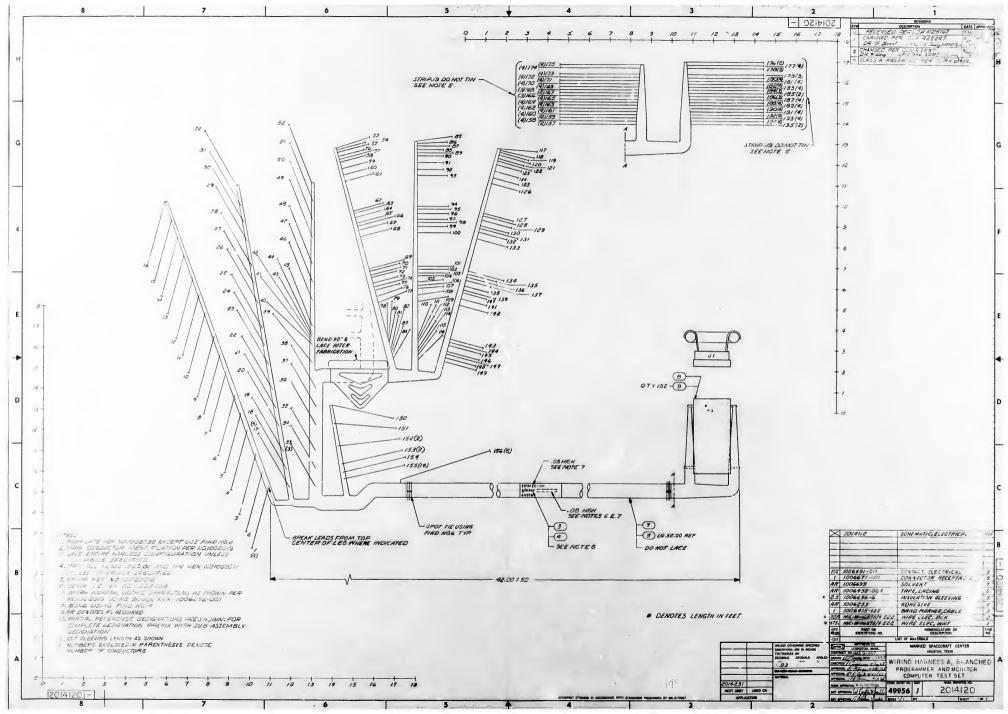


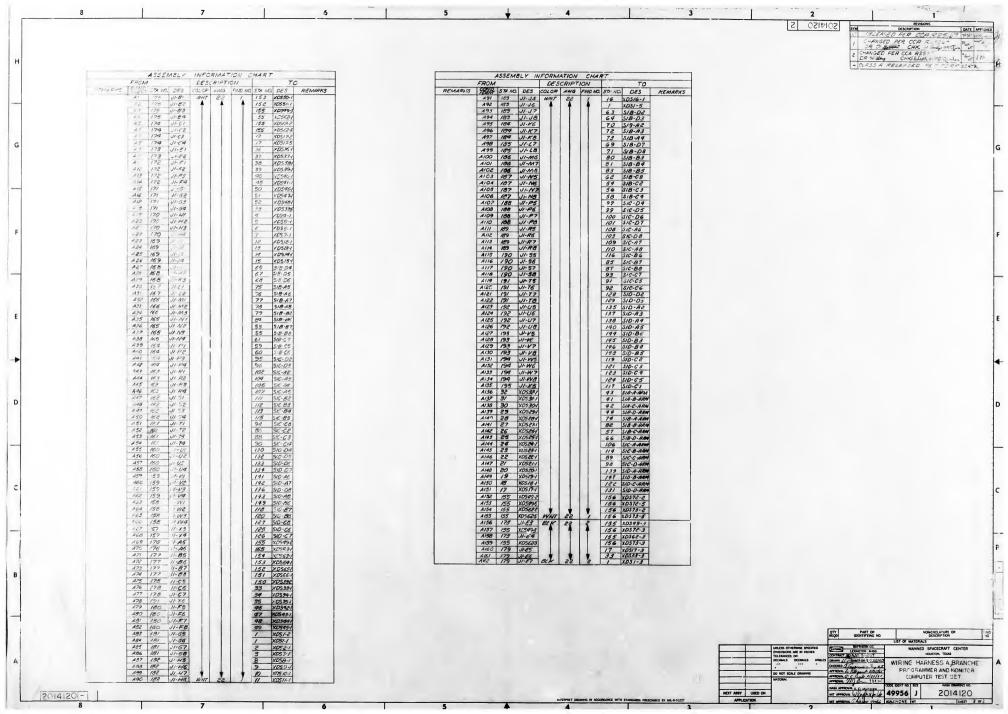












2014122 DISCORPTION

O RELEASED FER TH RESTAR

I CHANGED FER CCA RESTAR

OR REMAINED OF RESTAR

OR REMAINED OF RESTAR

CLASS A RELEASED FER TORR BERT 1.115 R CHART JUMPER CHART COND FROM TO COLOR AWG COLOR AWG LENGTH IENETH 2861 57- C 57-D 2.50 2.25 2.50 3.00 C268 59 - A B 2.50 C269 B
C270 C
C27/ G
C272 / E BLK 22 3.00 2.25 2.25 3.00 2.50 3.00 2-NO 5.75 6.00 2.50 3.00 2.50 3.00 2.50 2.25 3.00 2.50 3.00 2.25 3.00 3.00 2.00 4.00 4.00 2.50 3.00 2.50 2.50 2.50 | Company | Comp 2.50 3.00 3.00 2.50 3.00 2.50 3.00 7.50 7.50 3.00 2.50 3.00 2.50 2.25 2.50 2.50 3.00 3.00 2.50 3.00 250 2.25 2.75 2.50 3.00 2.25 2.50 2.50 3.00 2.50 3.00 C WWT 22 0 BLK 22 0 BLK 22 7.00 2.50 22 3.00 2.50 2.25 3.00 2.50 3.00 9.00

		JUMPE		JUMPE				
COND	FROM	70	cocar		LENGTH	COND	FROM	70
	XD53/-3	VA < 32. 3	BLK	22	2.50	C/96		5/4-
	XD533-3		1	1	2.50	C/97		534-
	X0534·3		1 1		2.50	C/98		530-
	XOS35-3		1 1					
5	V0636 3	V0530 3			3.00	C/93		52-
6	XD536-3	V0530-3			2.50	C200	5/3-2	5/38-
	X0537-3				2.50		5/3B-NO	5/3C-
		XD539-3			3.00	ceas		
	XDS39-3				2.50	CE03		53/8-
	XD540-3				2.50	C204		
	XDS41-3				3.00		5/3-1	5/3
	XDS4E-3				2.50		5/3-3	
	20543-3				2.50		53/-/	53/
	XDS44-3				3.00	ceas		53/-4
	XDS45-3				2.50	C209	532-1	532
	XDS46-3				1	C210	532-3	538-1
46	X0547-3	X0548-3				C211	553-/	535
147	XD51-3	XD52-3				cele	535-3	533-
		XD53-3			2.50	C2/3		
149	X053-3	XD54-3			3.00	C214		17
		X055-3			£.50	C215		1-1-
	XD55-3				2.50	C216	6	1
	XD56-3				3.00	C217	1	1 2
		XD58-3			2.50	C218		1.5
	X058-3				2.50	C219	A	1
					3.00			
	X059-3					ceed		
			-	1 .	2.50		58-1-C	1
	XDS/1-3				2.50	ceee		
	X05/2-3				3.00	CEES	- 8	
	XD5/3-3				2.50	C224	- C	
	XD5/4-3			1	2.50	CEES	- 6	
61	XDS15-3		BLK	22	2.50	C226	1	í
162	XD555-2	XD556-2	WHT	22	2.50	C227	A	1
63	XD555-3	XD556-3	BLK	22	2.50	C228	2	56-/
164	X0555-5	XD556-5	WHT	22		czes	12-M	3/0-2
		X0557-2		22	2.50	C230	56-1-C	5/0-1
		X0557-3		22	2.50	C23/		1
		X0557-5		22		C232	8	1
168	X0557-2	XD558-2	WHT	22	2.50	C233	C	-
		XD558-3		22	2.50	C234	6	++
		XD358-5		22		C235	1	1
		XD559-2		22	2.50	C236	A	++*
		X0559-3		22		C237	1 0	5/0-/
177	V05.50-3	x2559-5	DC A		2.50			
177	10550.5	XD560-2	WHT	22	2.50	C236	5/0-1-C	5/1-2
		VOC CO	BLK	22		C 8.39	-10-1-C	1 1
	X0559-3			22	2.50	C240		-
		XD560-5		22	2.50	C241	B	$\vdash$
		XD561-2		22		C242	C	1
		XD561-3		22	2.50	C243	6	5/1
		X0561-5		22	2.50	C244	/	511-2
		XD568-2		22		C245		
		XDS <b>68</b> -3		22	2.50	C246		5/1-1:
		XD508-5		22	0.00	C247	1 BAC	53.2
		XD569-2		22	2.50	CEAC		
184	XD568-3	XD569-3	ELK	22	2.50	C249	58-2-C	5/2-3
185	XD568-5	XD569-5	WHT	22		C250		
186	X0569-2	XD569-5 XD570-2	WHT	22	2.50	C251	A	5/2
187	X0549-3	X0570-3	ALK	22	2.50	C252	8	17
188	X0569-5	X0570-5	WHT	22		CE53	2	
	XD570-2	YD 17/- 2	WHT	22	2.50	C254	6	5/2
	XD570-3				3 50			
			BLK	22	2.50	C255		572
		XD571-5	WHIT	22	2.50	C256	1	518
	536-1	536-5	1	•	2.00	C257		518-1-
		5/6-3			1	C258		
	5/5-3			1	t.	C259		57-
		5/3C-NO	41100	22	2.00	C260	57-8	57-

N. TELL PARTIAL REFERENCE DESIGNATIONS ARE SHOWN: FOR
COMPLETE DESIGNATIONS PREFIX WITH SUB-ASSEMBLY
CESIGNATIONS
E. WIRE LENGTH FOR REFERENCE ONLY

MASTE

DANNING CO.

LESSINGTON, MASS.

CONTINCT NO. NAS. 9-457

DRAWN For France BATE 7 July

CHECKED // Common Plants

2 Continued C MANNED SPACECRAFT CENTER AGUSTON, TEXAS LEAD ELECTRICAL FRONT PANEL PROGRAMMER & MONITOR COMPUTER TEST SET MIT MOREOUSE C. METALES
MIT MOREOUSE LE MANERAL CONTRACTOR CONTRAC 49956 J MENT ABBY USED ON 2014122

2014122 -

WH FROM TO

253-2 1054

5 055-2/024-8 4 014-2/055-8 5 055-2/056-8 1 056-2/057-8 157-2/058-9 157-2/058-8 157-2/058-

1001 5 1003-5 1008-5 1003-5 1008-5 1004-5 1008-5 1004-5 1008-5 1008-5 1008-5 1008-5 1008-5 1008-5

25 ... 3 2511-1

. 0 5 XD513-5

14-5 10515-5

0520-2 X0521-2

XDS23-E XDS24-E XDS24-E XDS25-E XDS25-E XDS26-E XDS26-E XDS27-E XDS27-E XDS28-E

10528-2 X0529-2 XDSE9-2 XDS30-

45 /US31-2 XDS32-2 46 VD517-5 XD518-5 47 XDS18-5 XD519-5 48 XD519-5 XD520-5

C49 20520 5 X0521-5

XD523-5 XC524-5

53 XDS24-5 XDS25-5 54 XDS25-5 XDS26-5

XDS26-5 XDS27-3

XDS27-5 XDS28-5

7 X0528-5 X052**9**-5 8 X0529-5 X05**30**-5

59 XDS30-5 XDS31-5

761 / J.533 · 2 / J.534 · 2 762 / J.533 · 2 / J.534 · 2 762 / J.535 · 2 / J.536 · 2 763 / J.535 · 2 / J.536 · 2 764 / J.536 · 3 / J.537 · 2

60 XUS31-5 XD532-5

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COUNT AWG LENGTH

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JUMPER CHART

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C66 XD538-2 XD539-2 WHT

C67 XD539-2 XD540-2

67 (2539-2) (2540-2) (68 (2540-2) (2541

C79 (XSSS-S) (XSST-S) (C60 (XSST-S) (XSSS-S) (XSSS-S) (XSST-S) (XSSS-S) (XSST-S) (XS

C95 XDS 53-2 XDS 53-2 C95 XDS 53-2 XDS 54-2 C96 XDS 49-5 XDS 50-5 C97 XDS 50-5 XDS 51-5 C98 XDS 51-5 XDS 52-5 C99 XDS 52-5 XDS 53-5

C100 XDS-53-5 XDS-54-5

C101 XD562- 2 XD563-2 C102 XD563-2 XD564-2

CIO3 XD564 - 2 XD565 - 2 CIO4 XD565 - 2 XD566 - 2 CIO5 XD562 - 5 XD563 - 5

C110 XD550-3 XD551-3 CIII XDS51-3 XDS.52-3 CITE XOSSE-3 XOSS3-3 CIT3 XOSS3-3 XOSS4-3

C1/4 XDS62-3 XDS63-3 C1/5 XDS63-3 XDS64-3

C117 XDS65-3 XDS66-CITT XDS65-3 XDS66-3
CITB XDS18-3 XDS18-3
CITB XDS18-3 XDS19-3
CITB XDS19-3 XDS19-3
CITB XDS60-3 XDS12-3
CITB XDS60-3 XDS12-3
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CITB XDS62-3 XDS62-3
CITB XDS62-3 XDS62-3

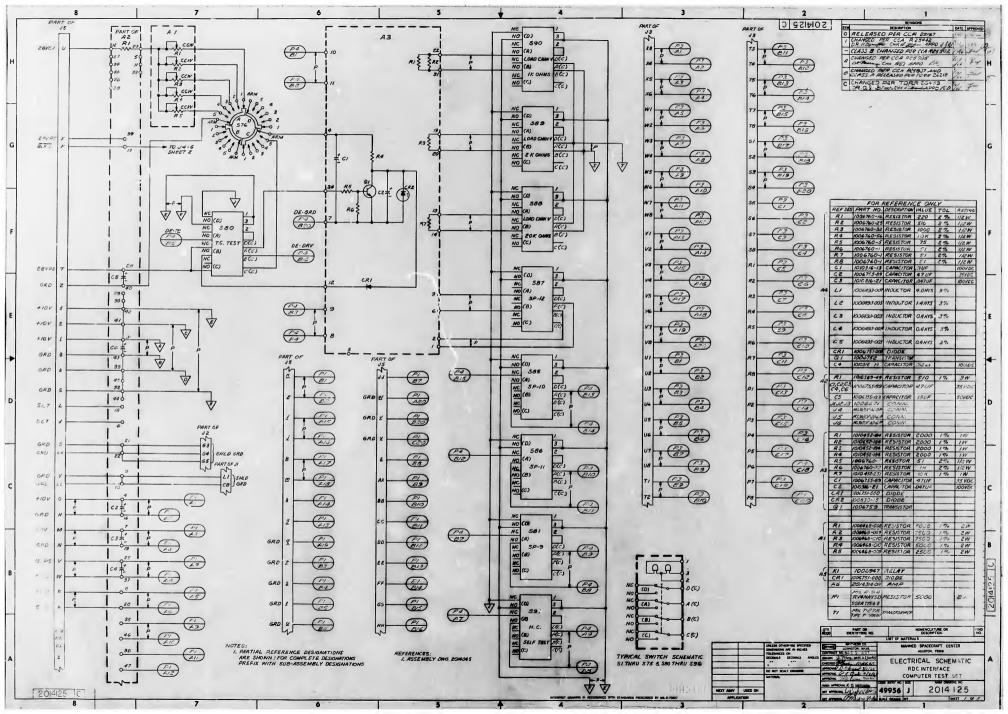
125 XDS24-3 XDS25-3

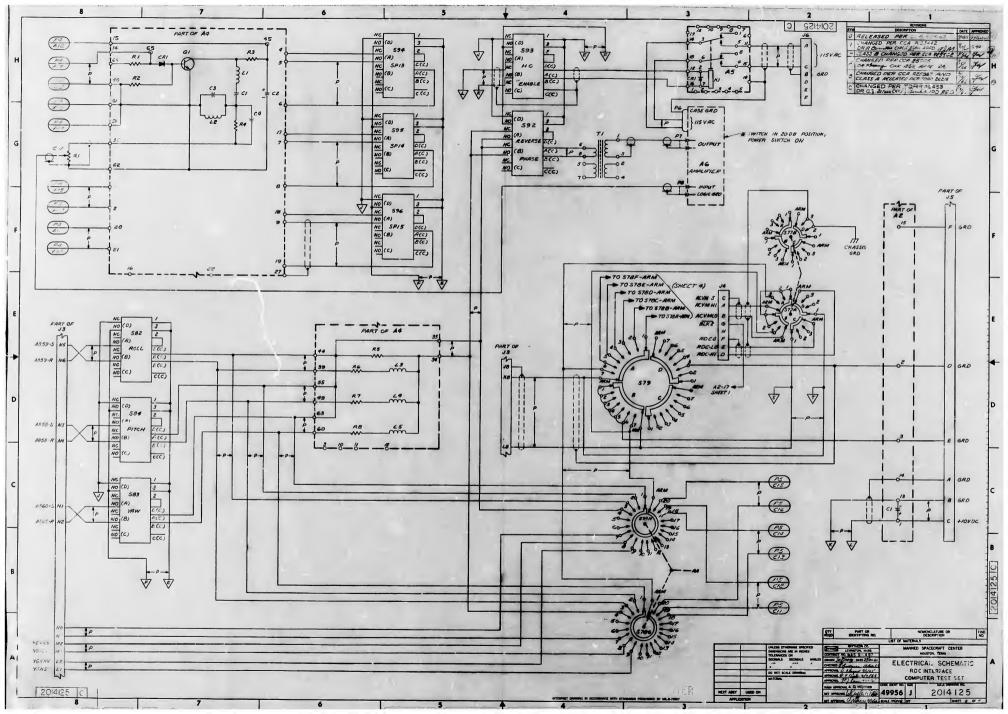
CI26 XDS25-3 XDS26-3 CI27 XDS26-3 XDS27-3

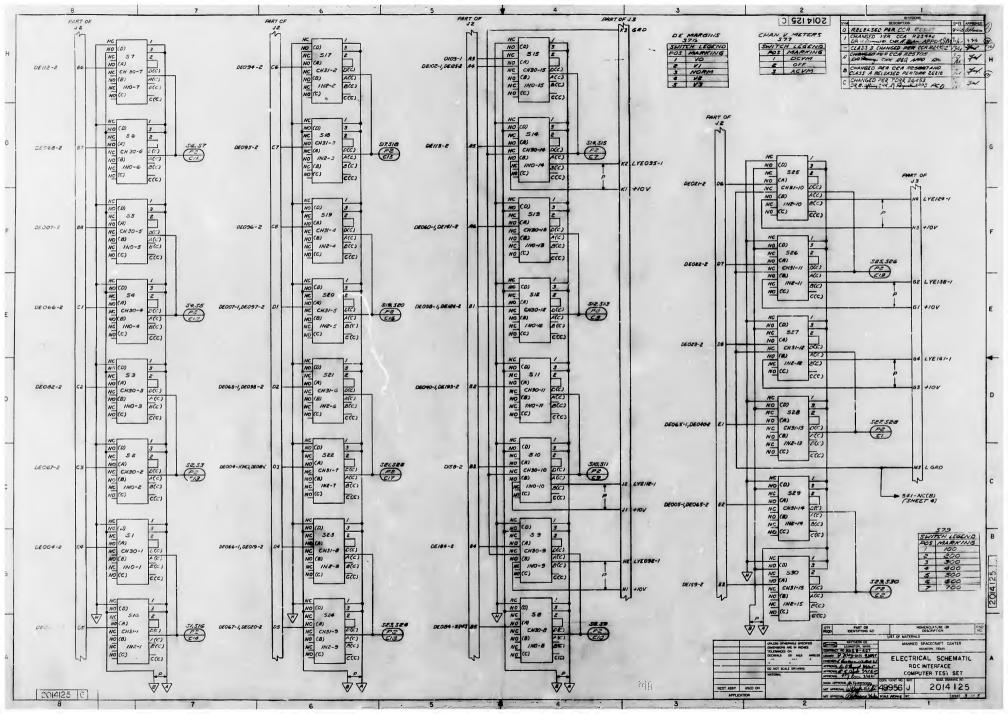
CIEB XDS 27-3 XDS 28-3 CIES XDS 28-3 XDS 29-3

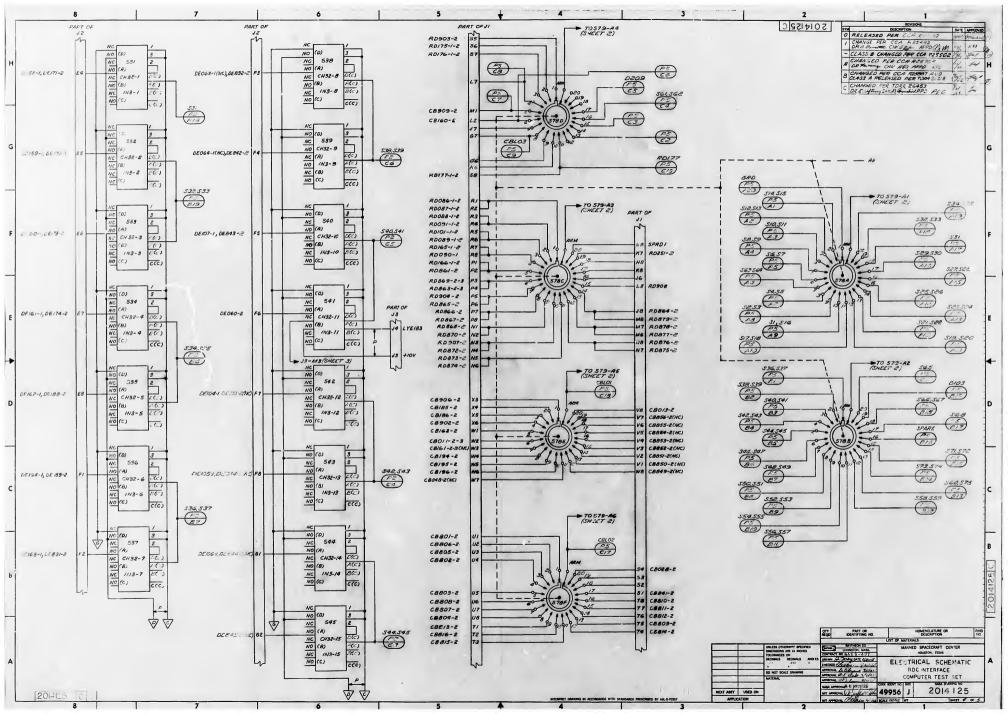
C106 XDSec-3 XDSe6-5 C106 XDSe3-5 XDSe6-5 C107 XDSe6-5 XDSe6-5 C108 XDSe5-5 XDSe6-5 WHT 22 C109 XDS49-3 XDS50-3 BLK 22

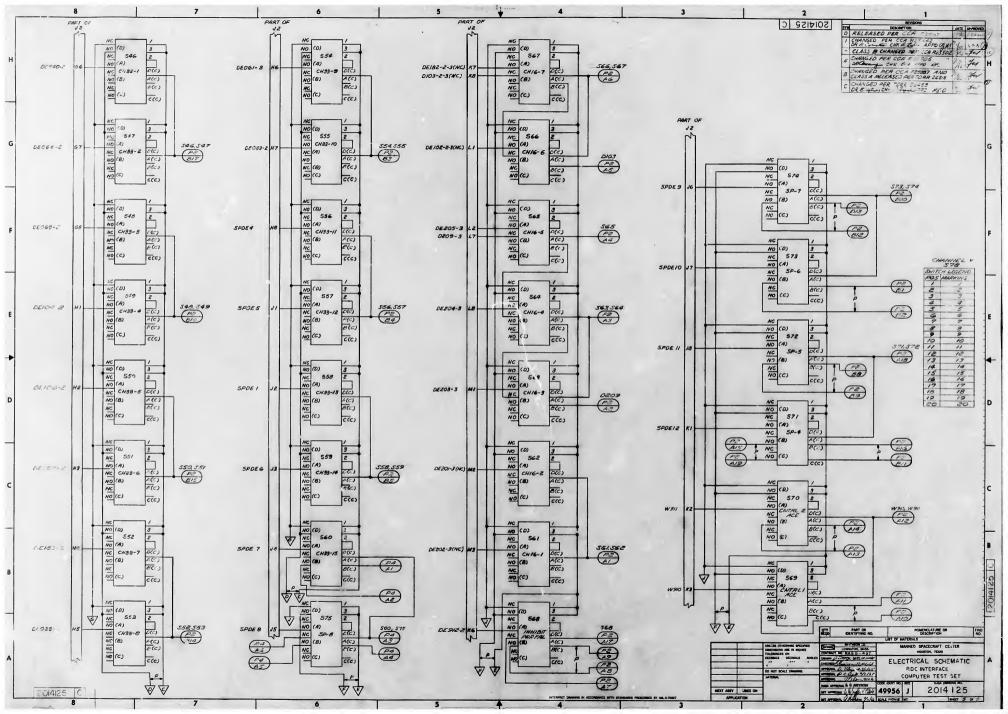
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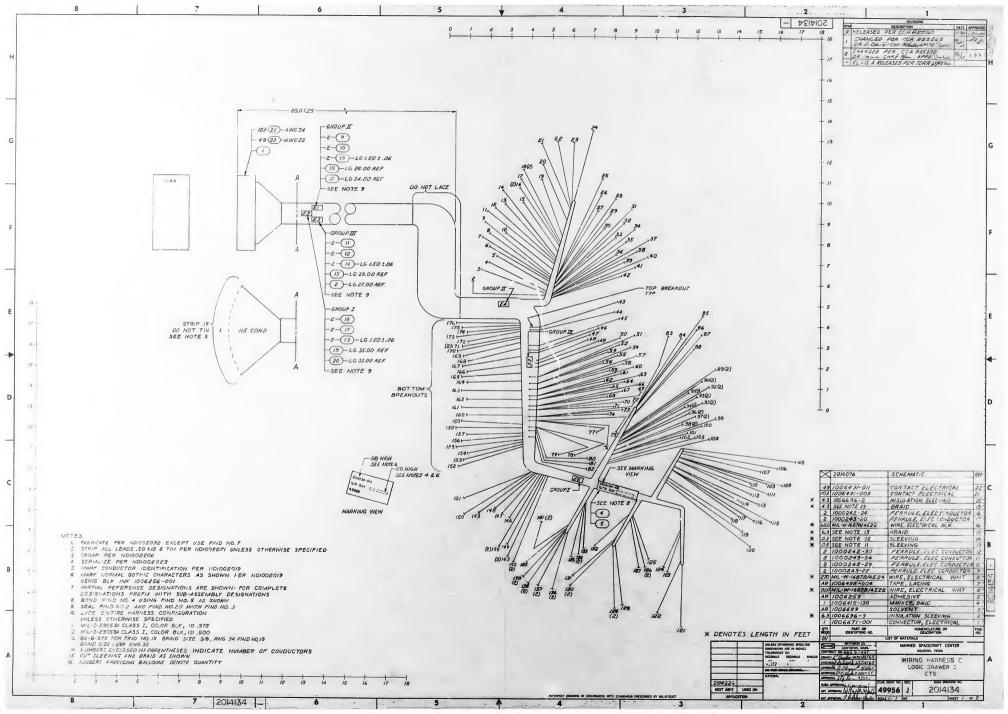


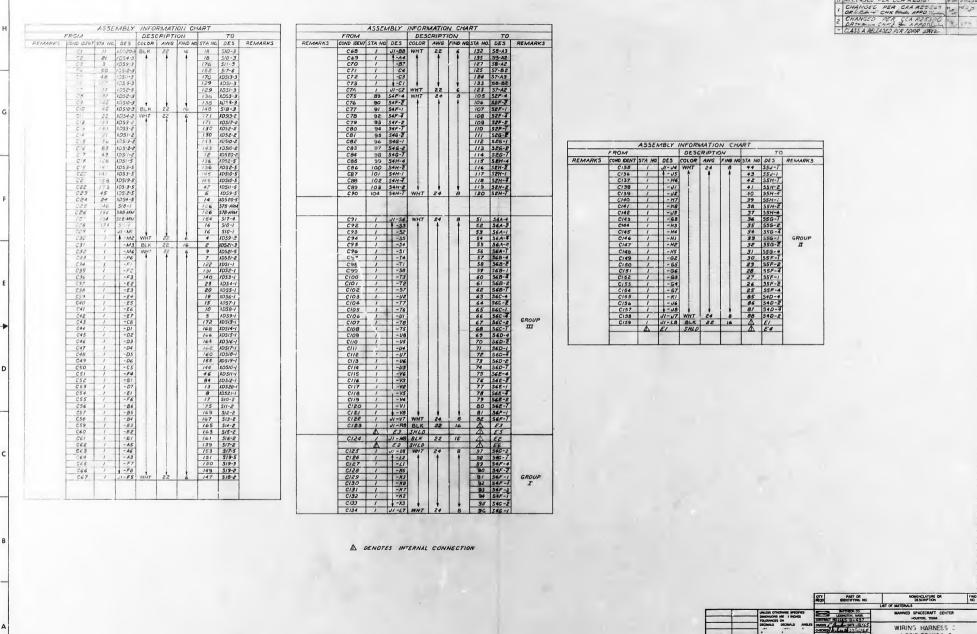












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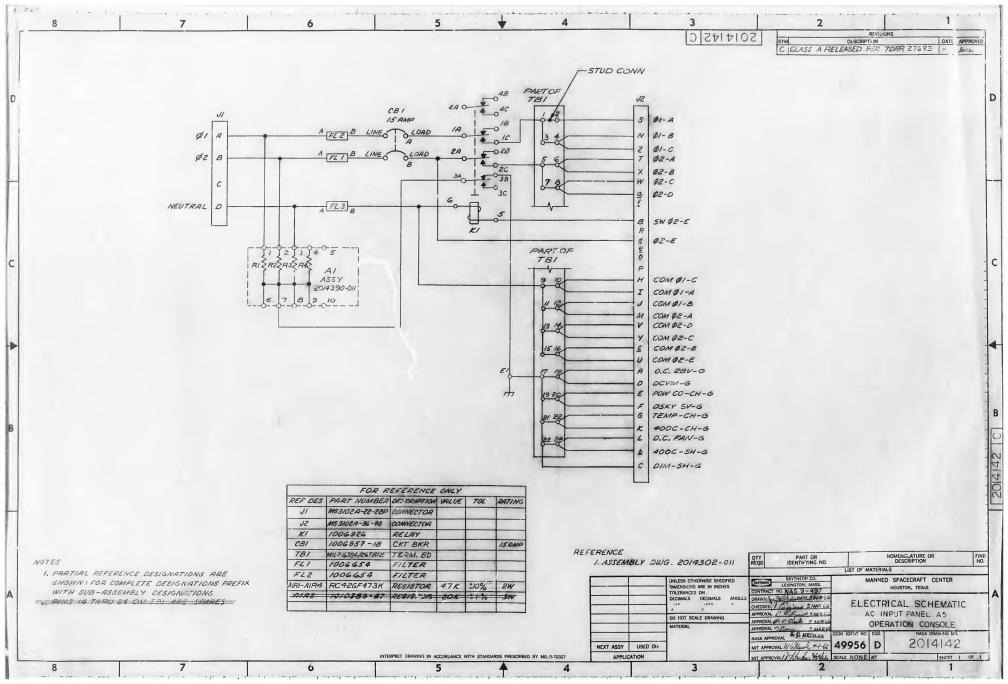
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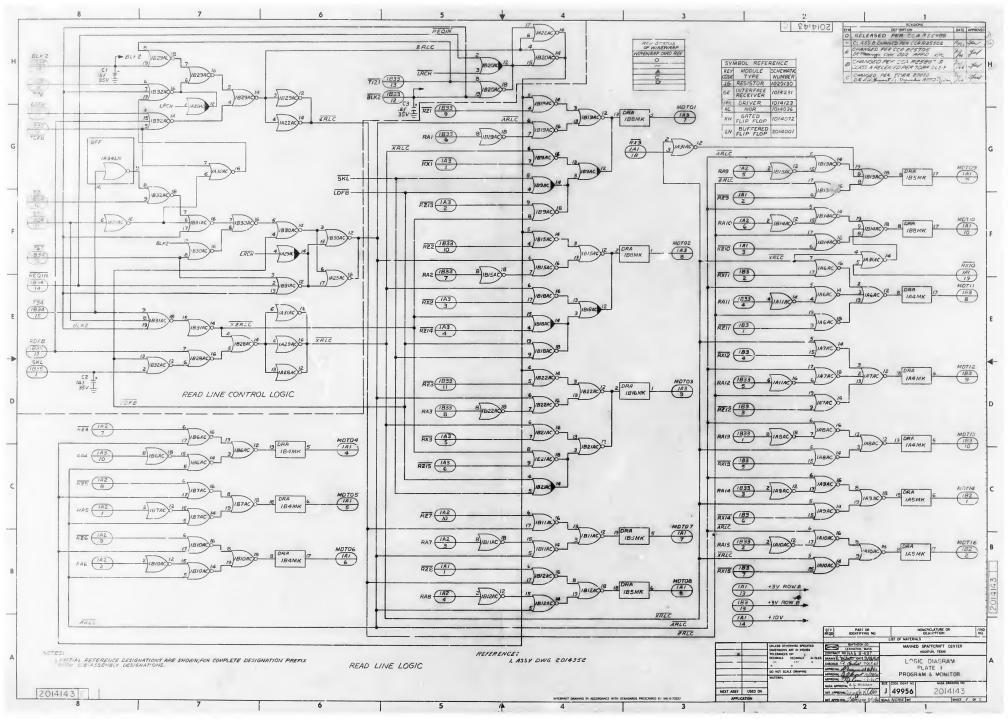
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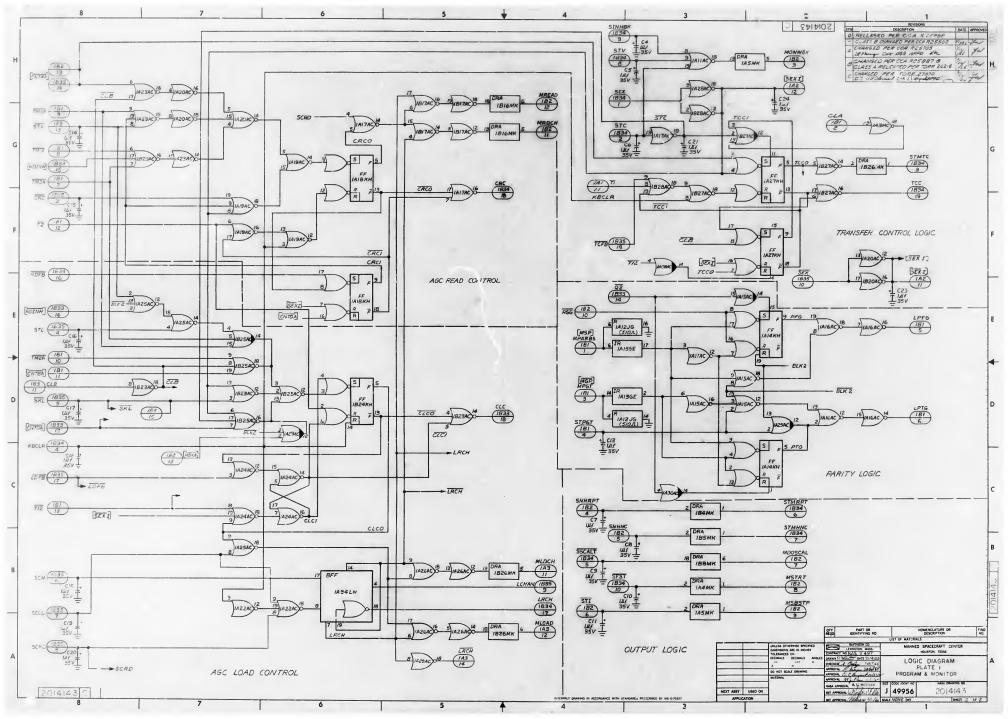
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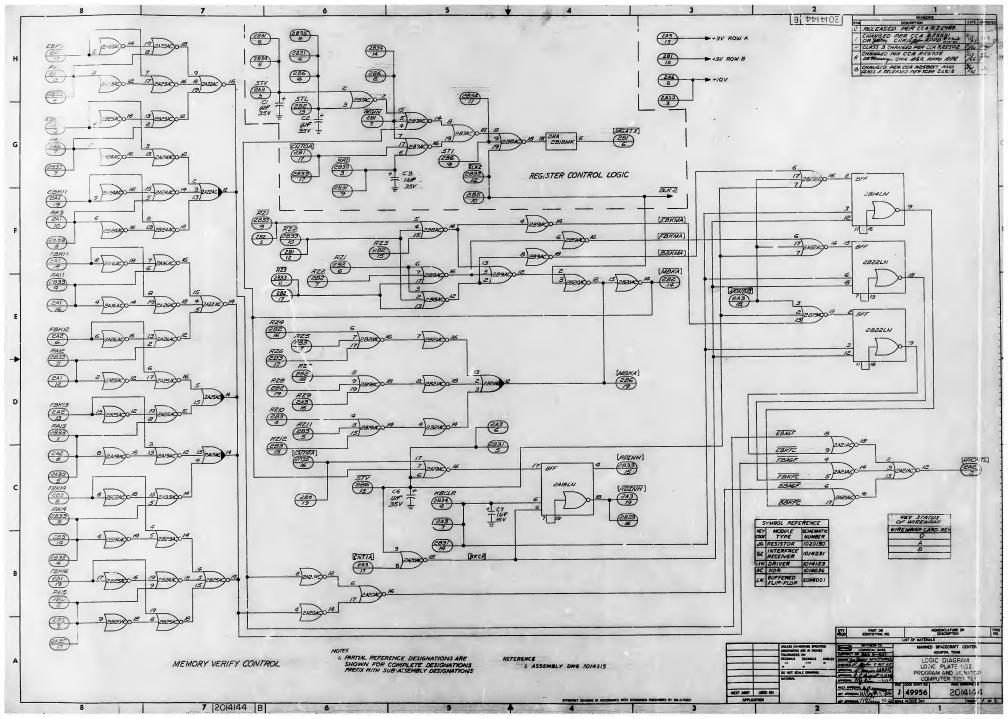
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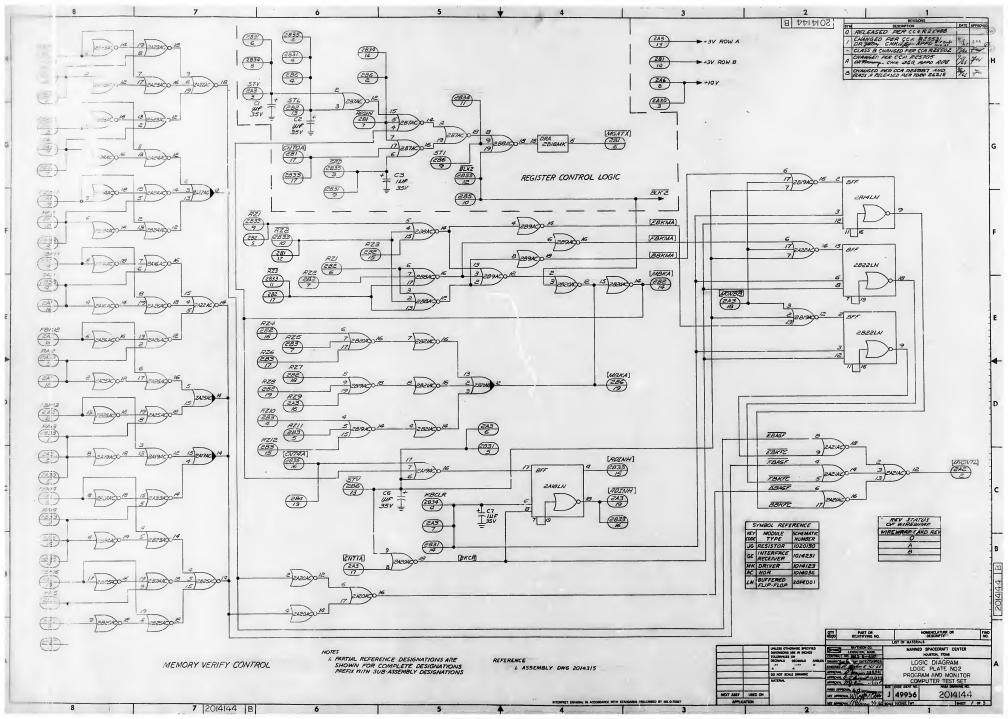
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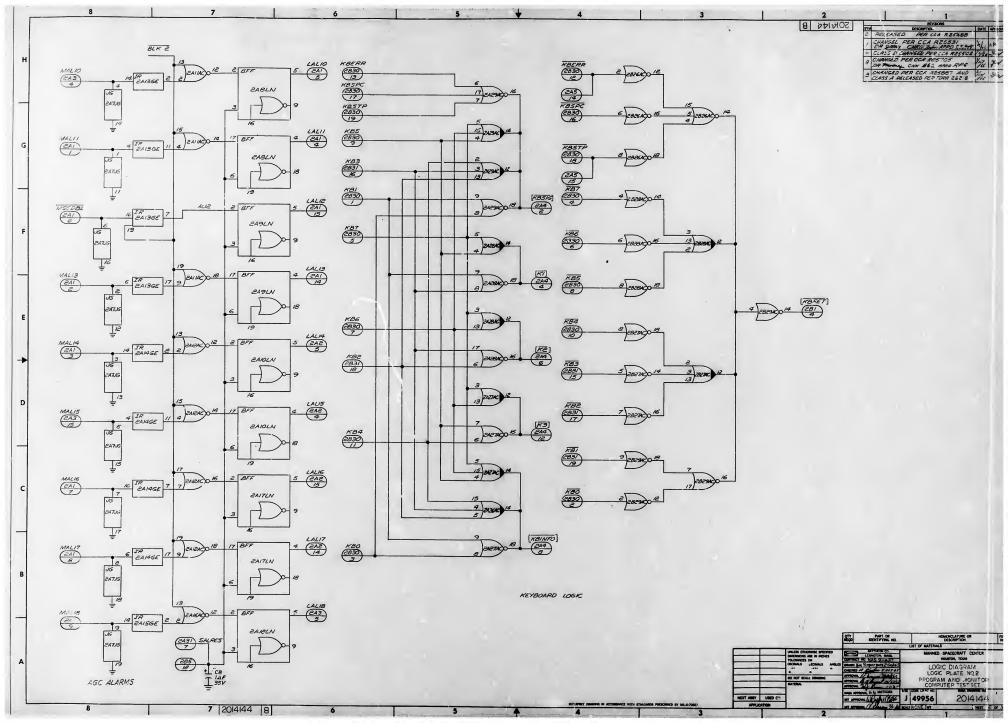


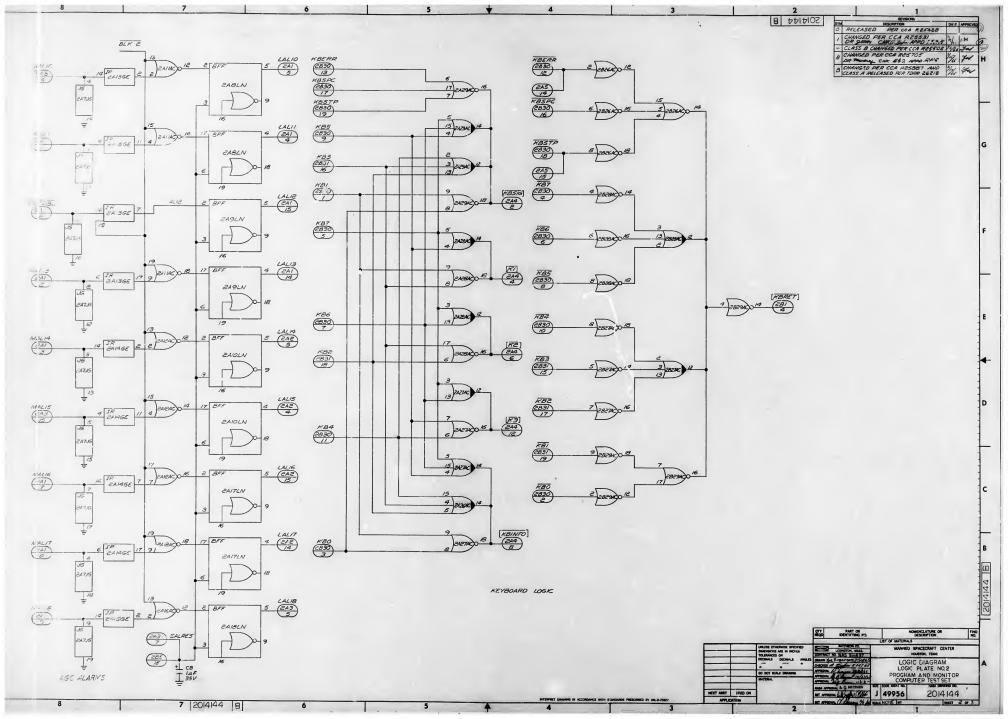


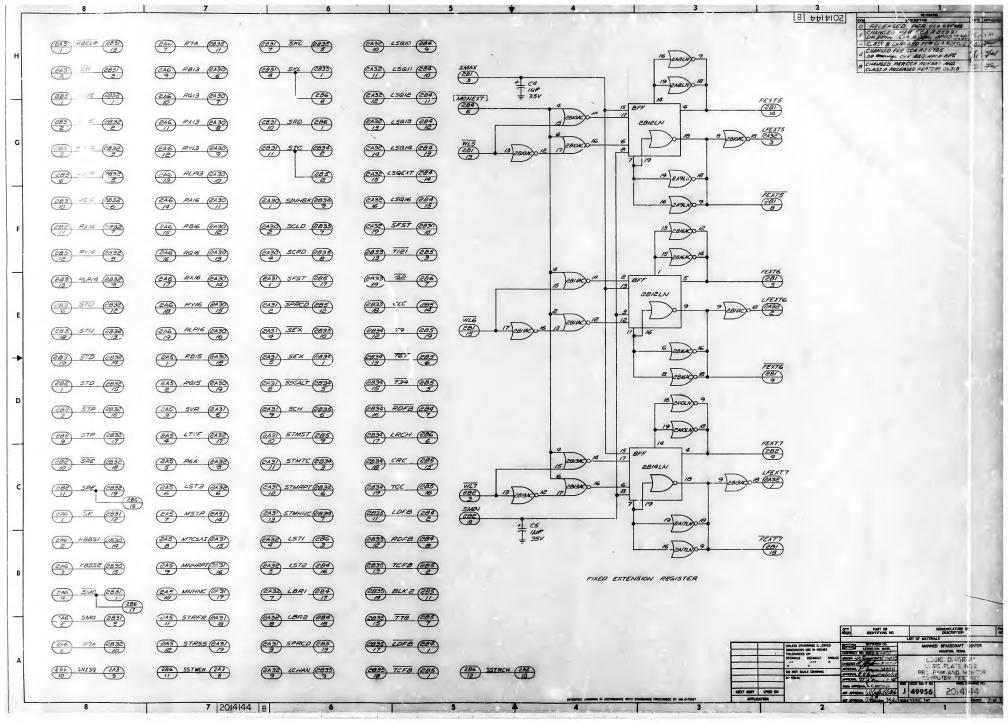


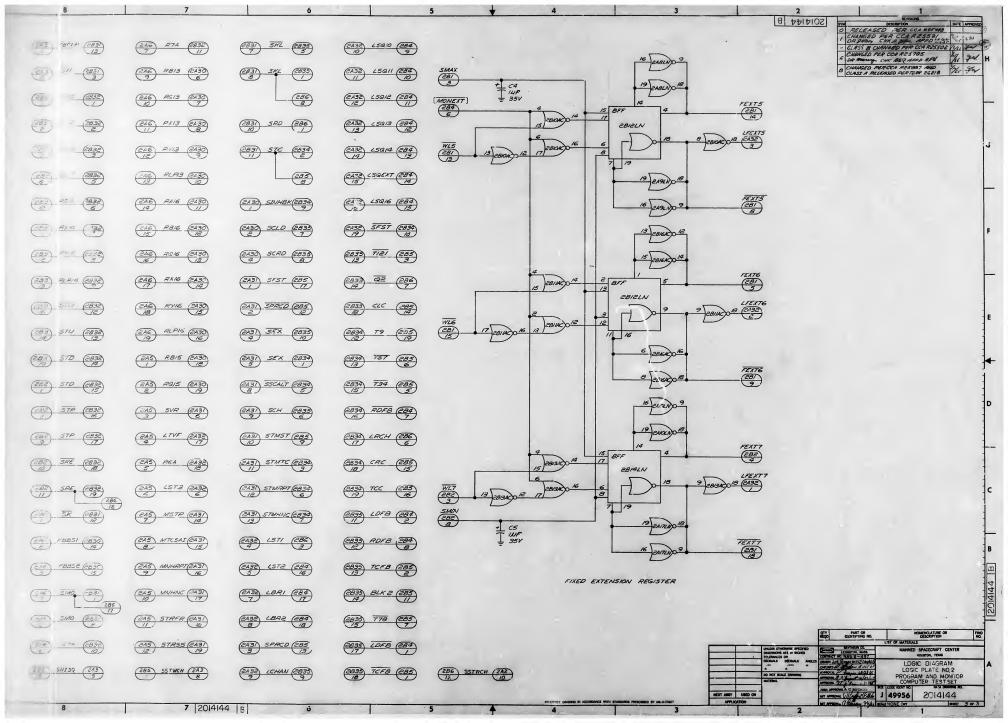


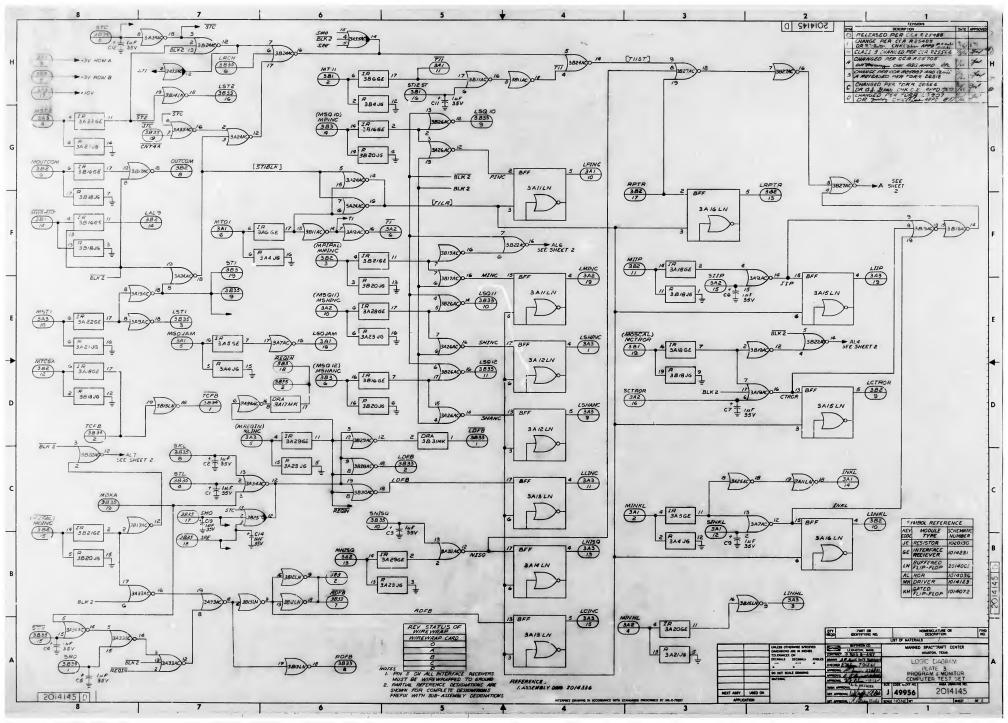


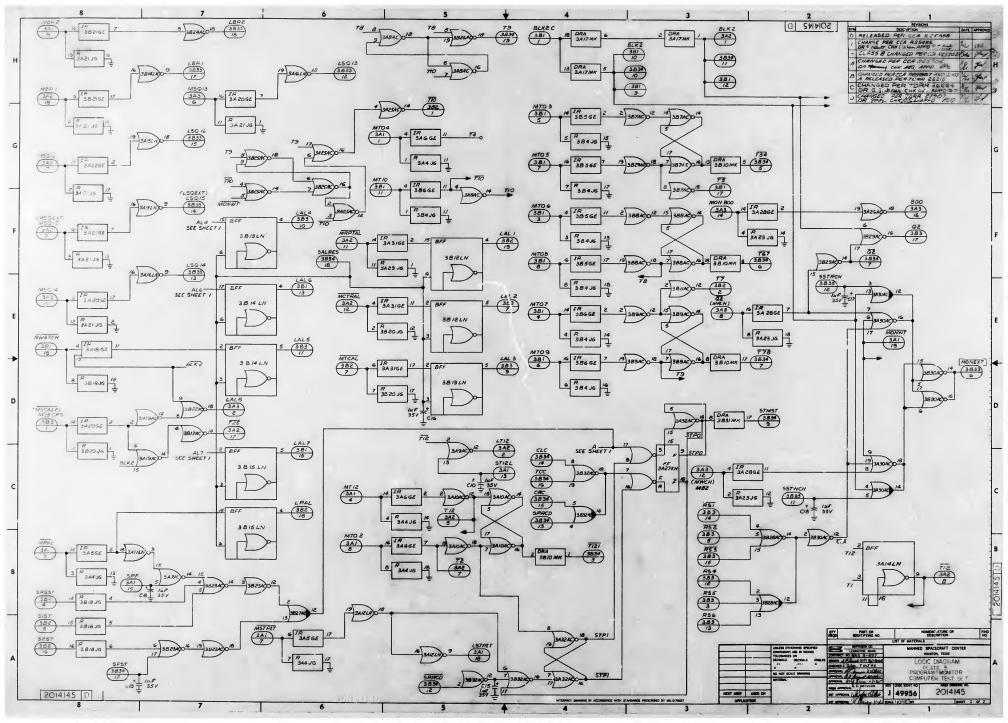


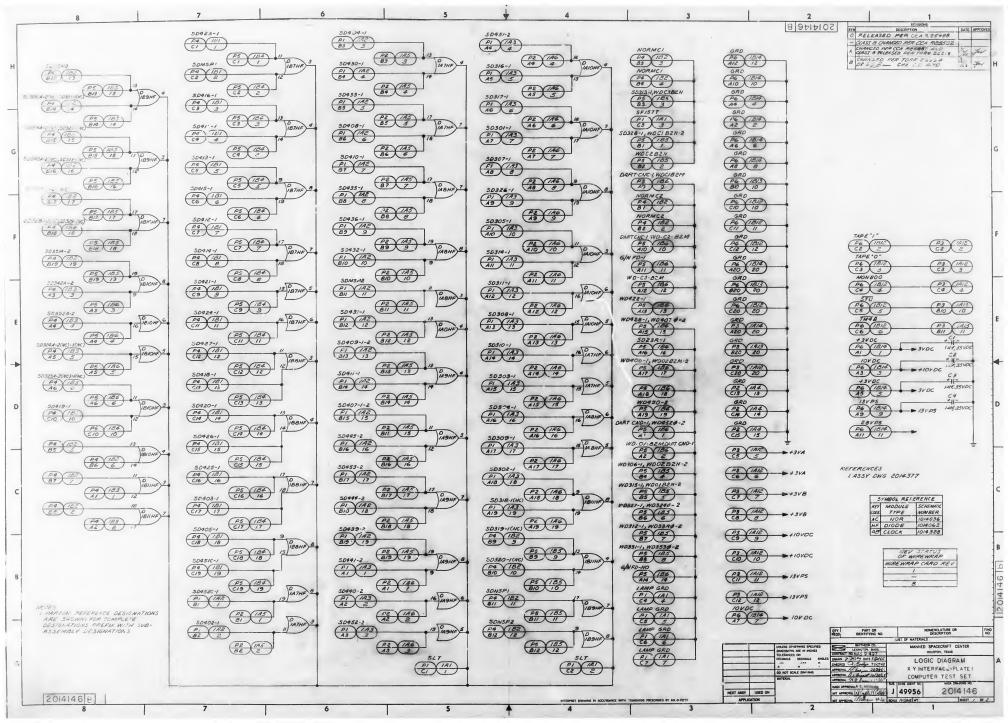


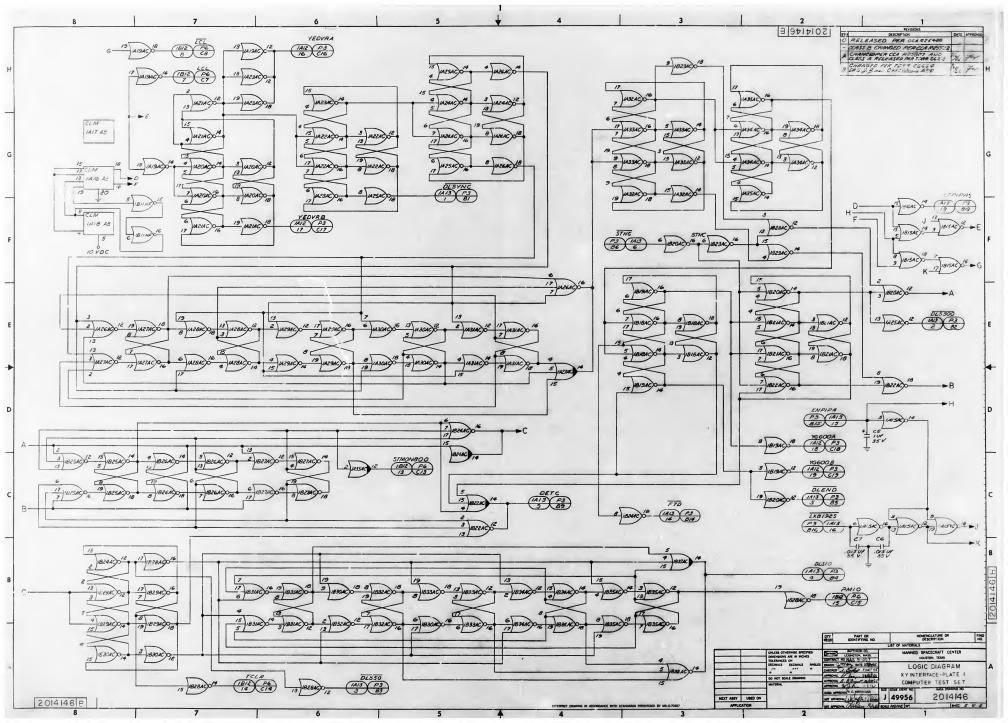


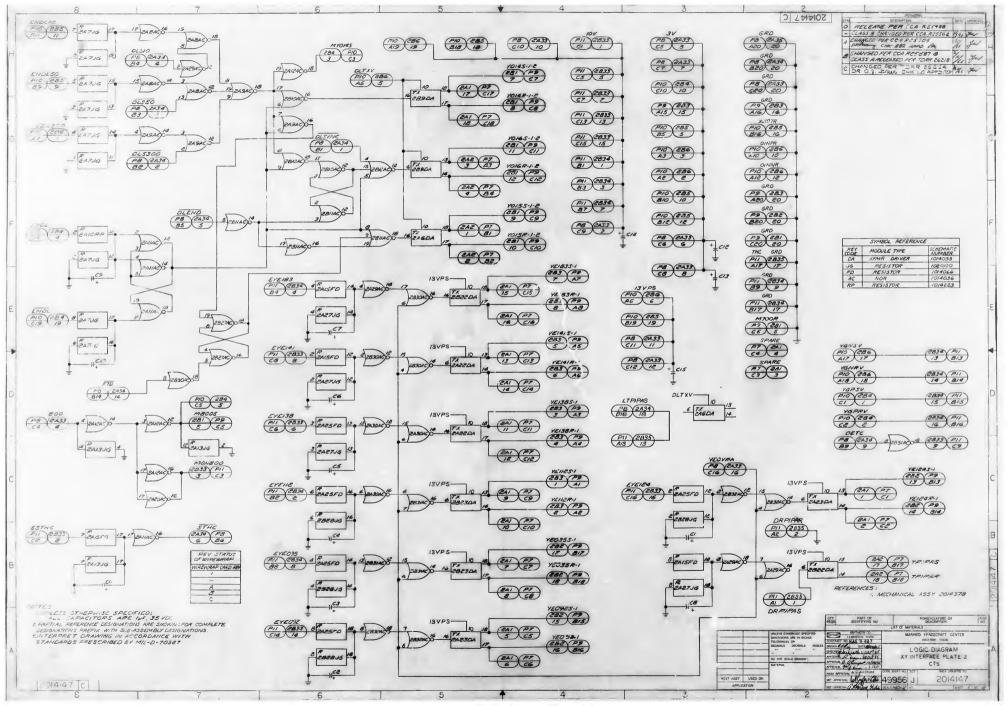


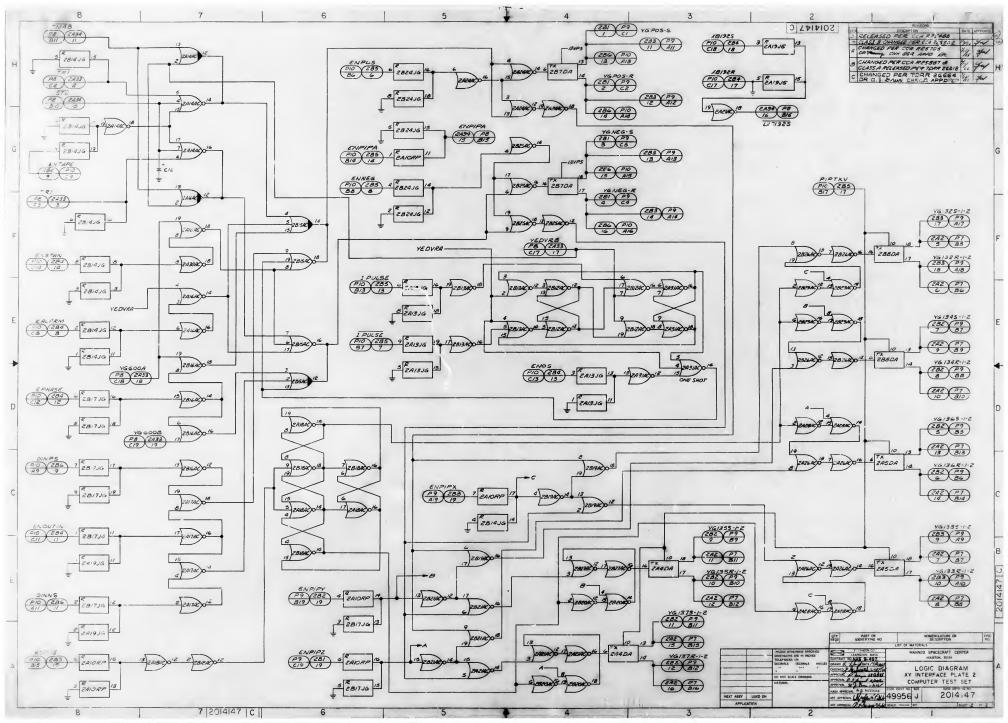


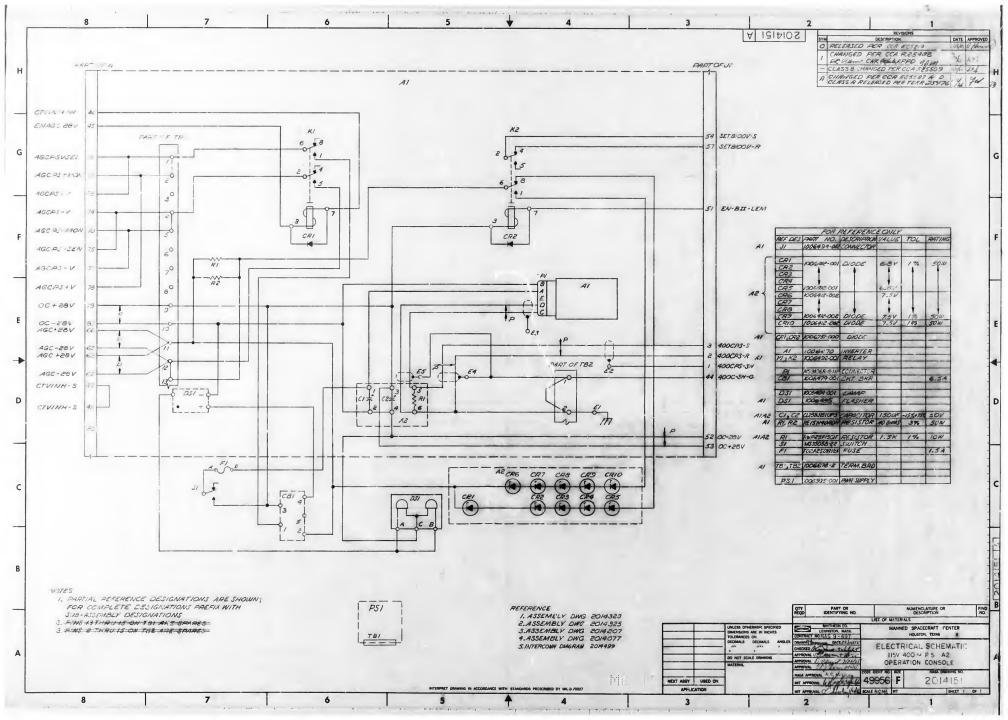


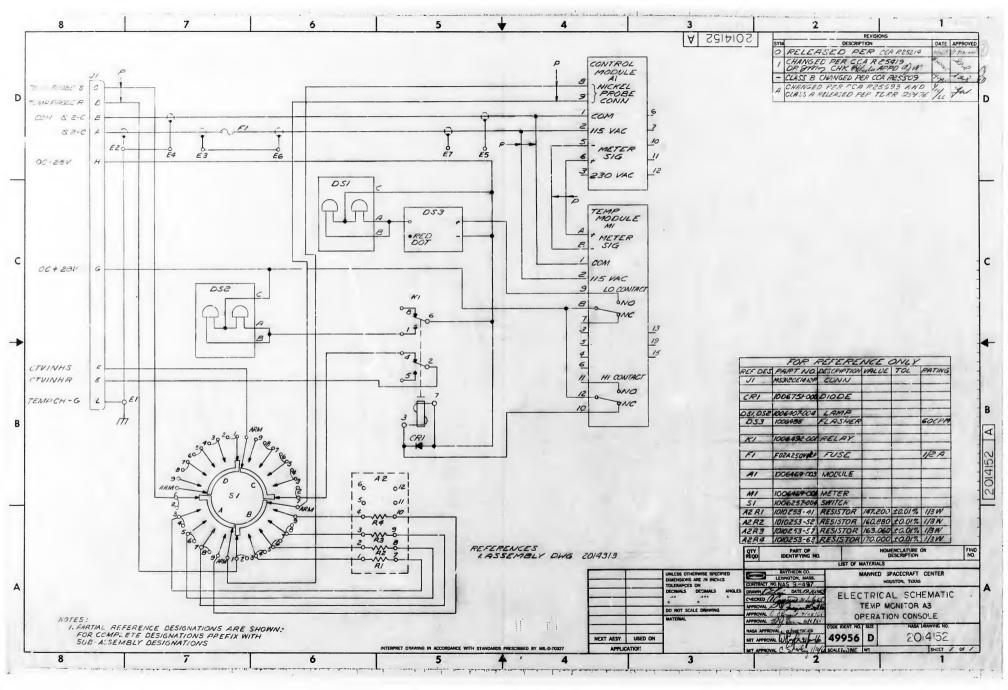


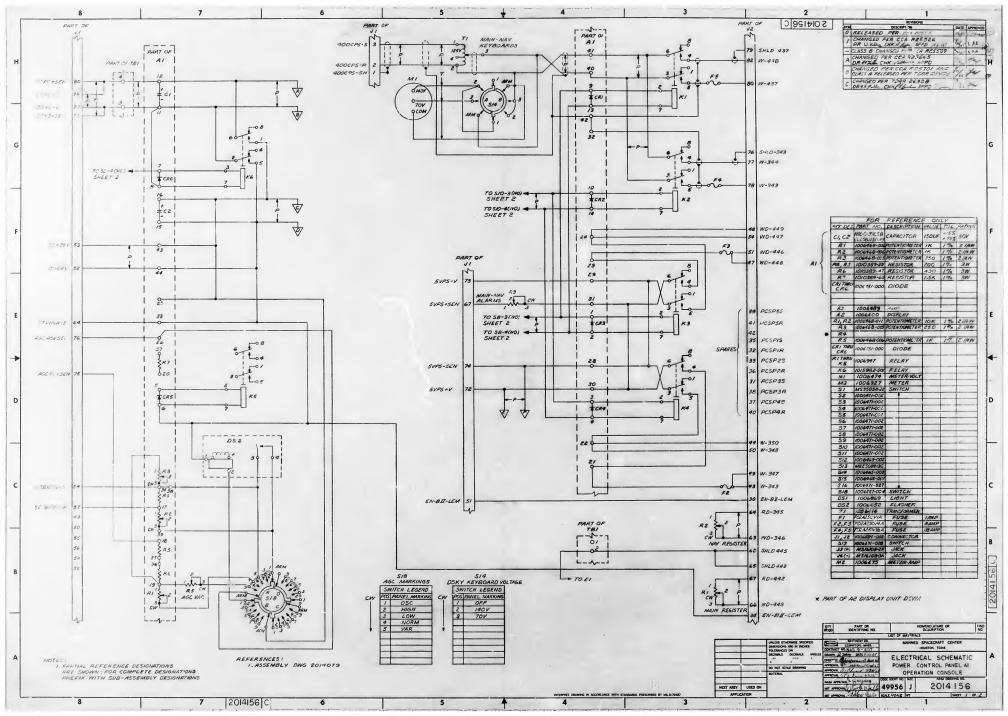


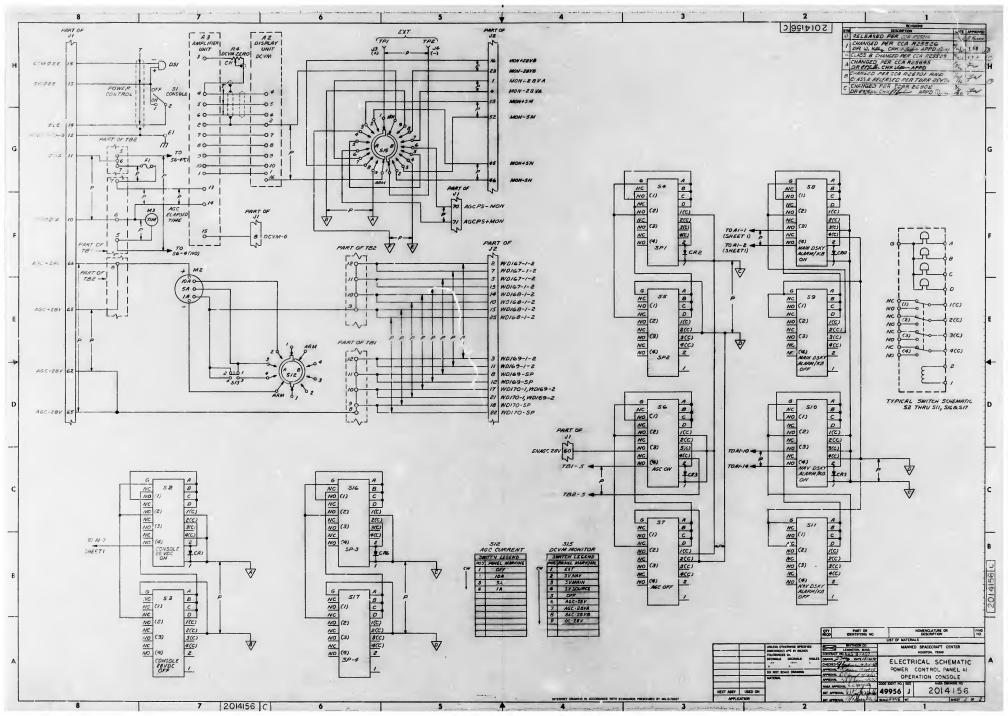


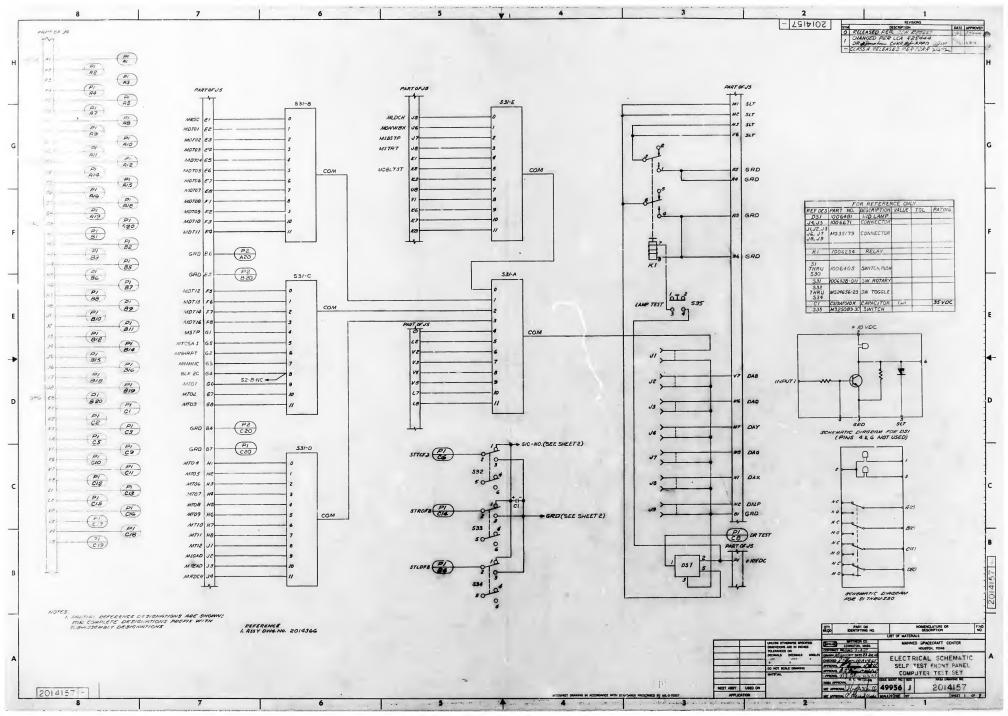


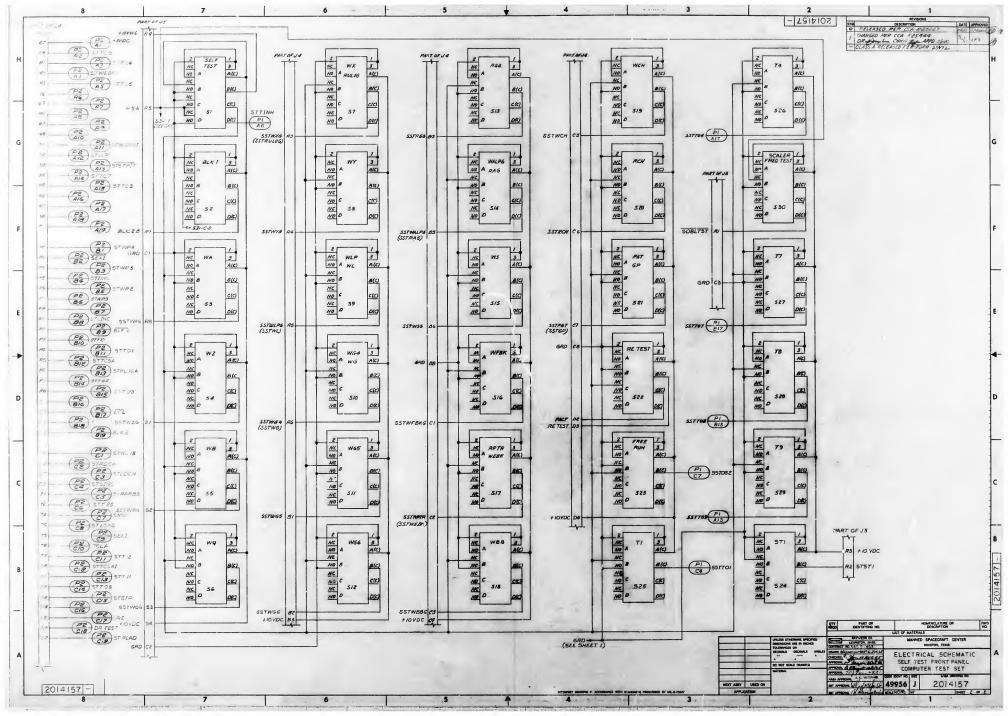


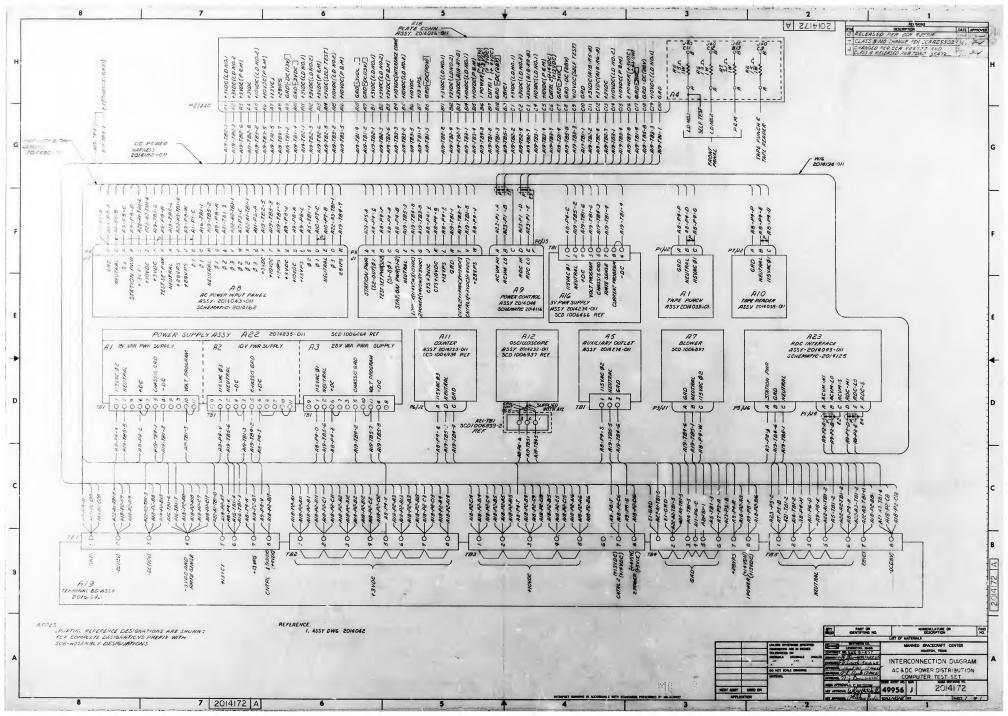








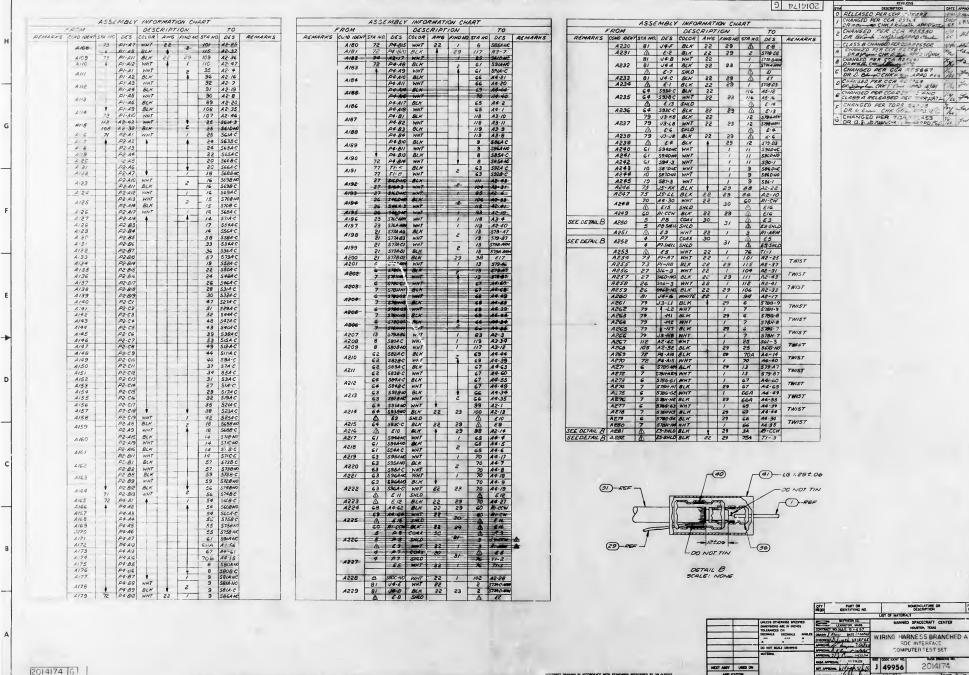




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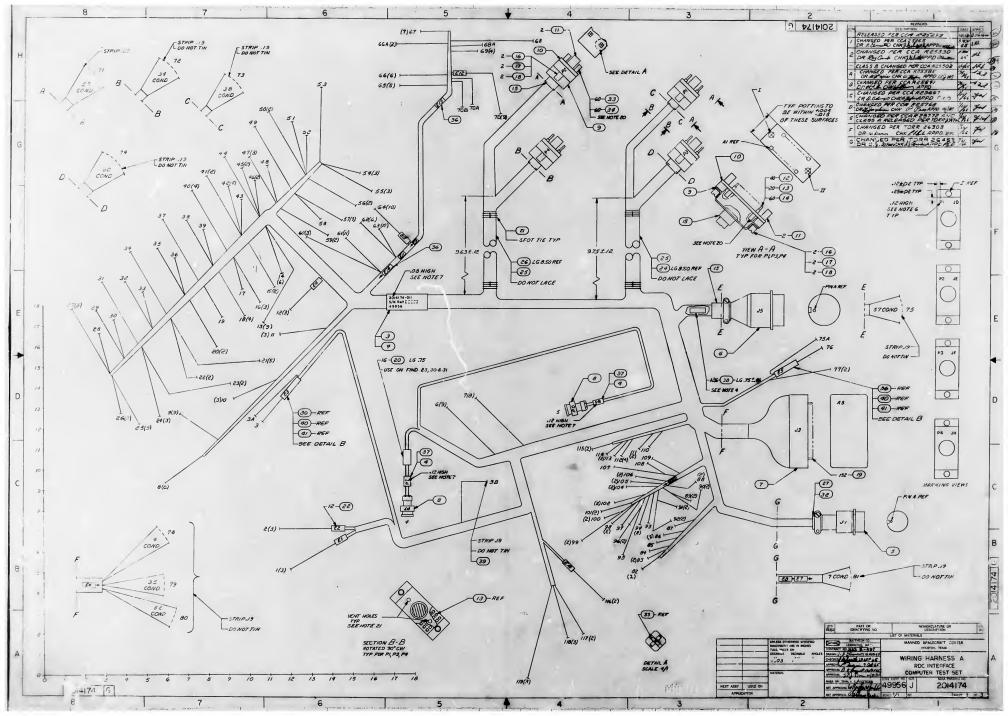
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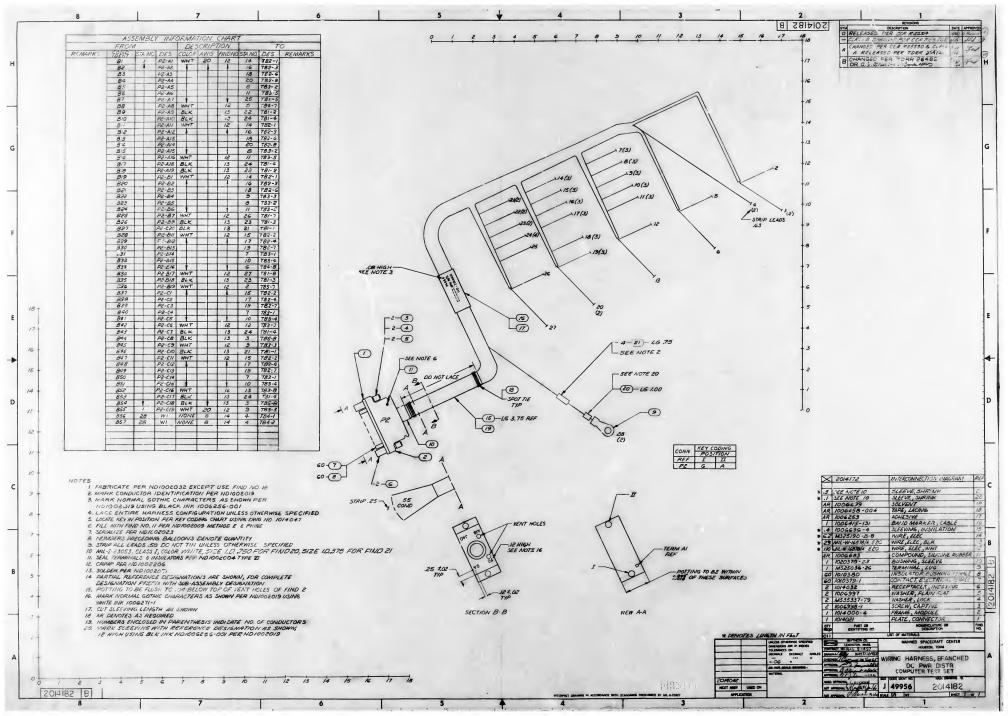
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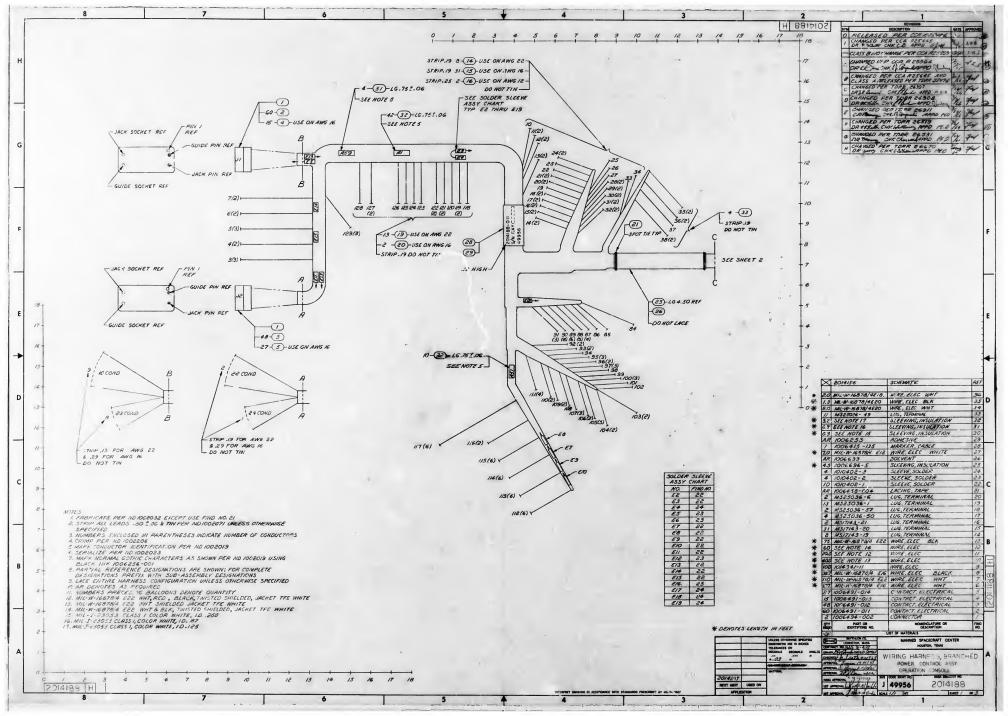
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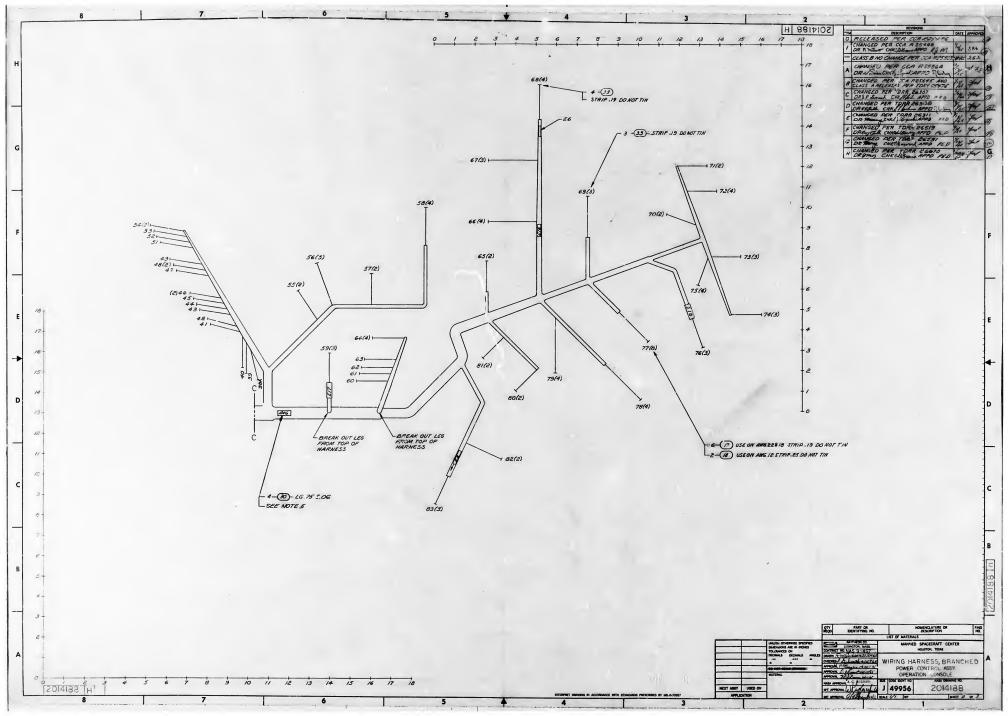
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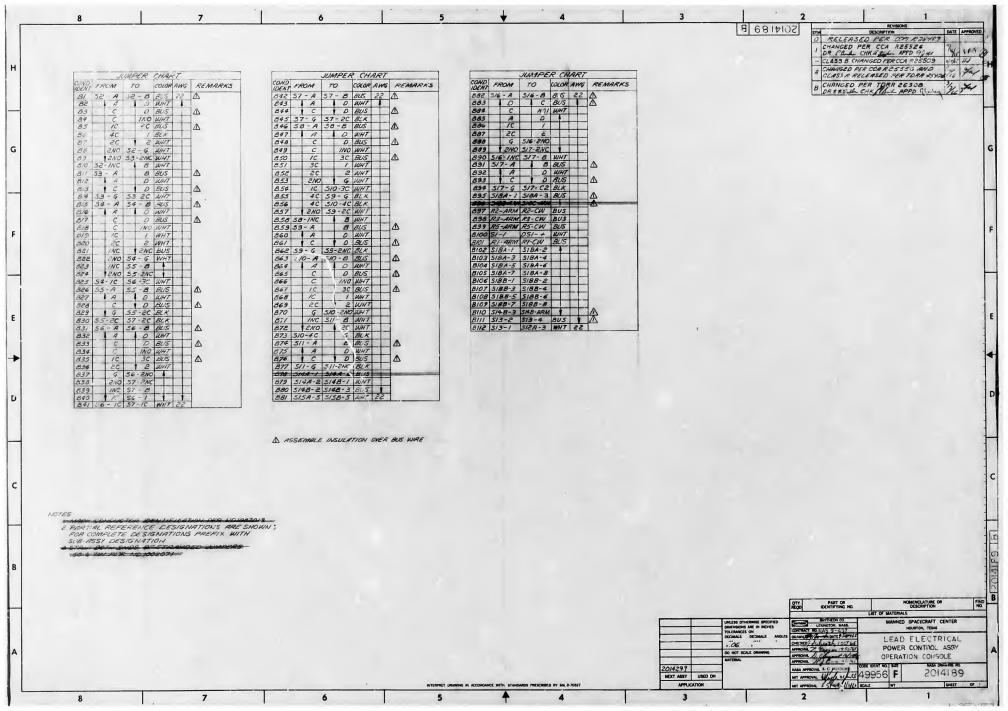


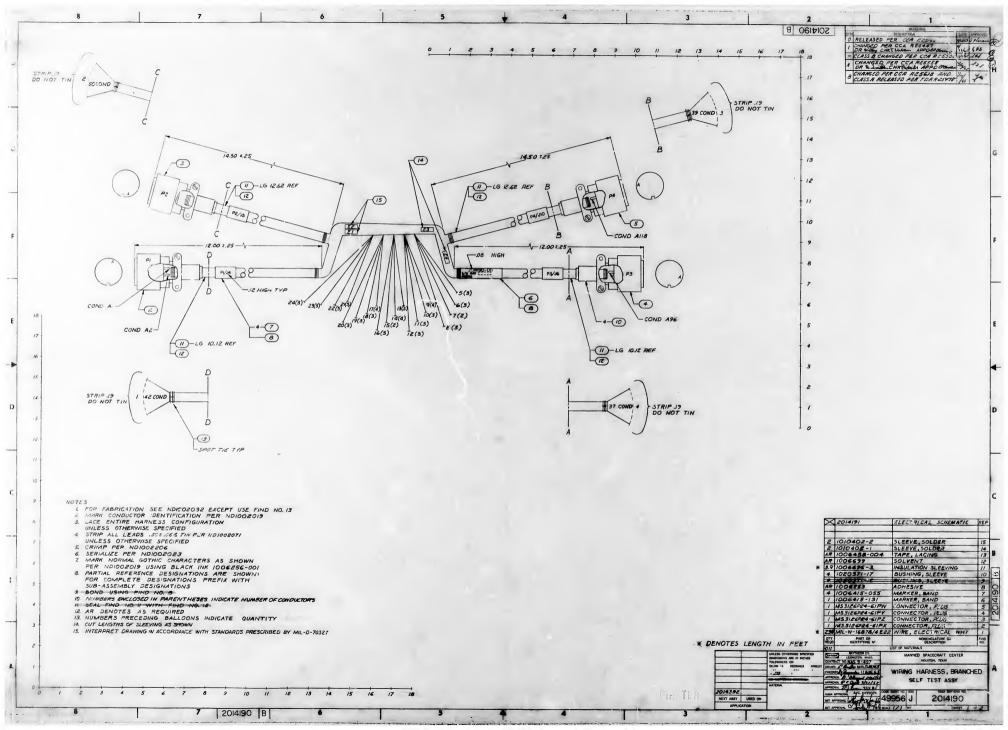


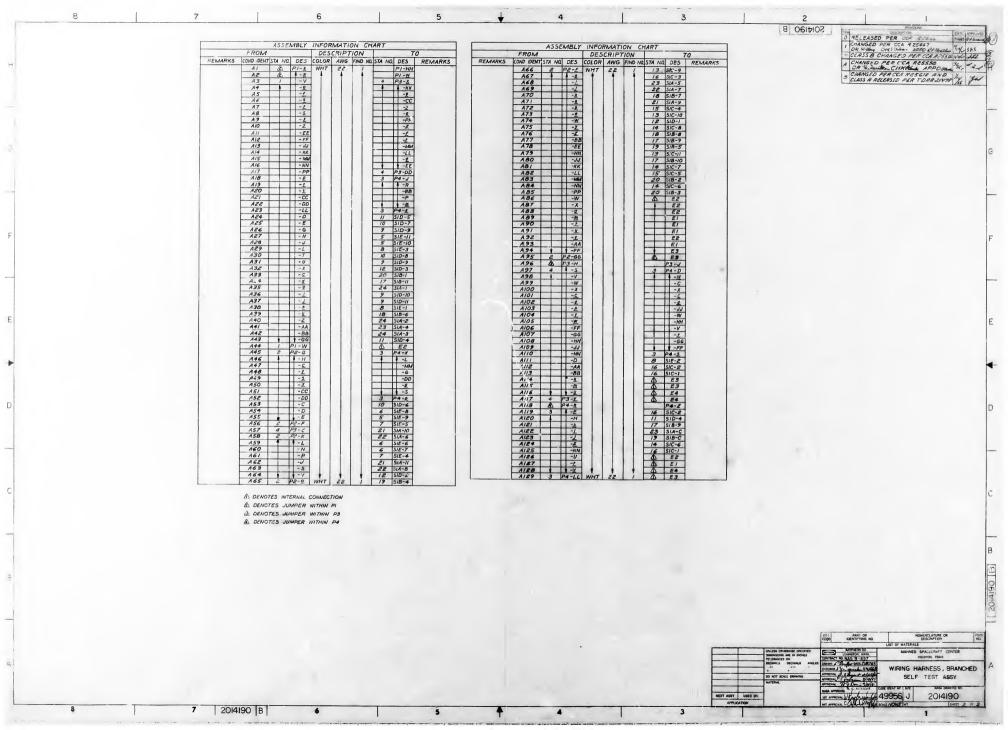


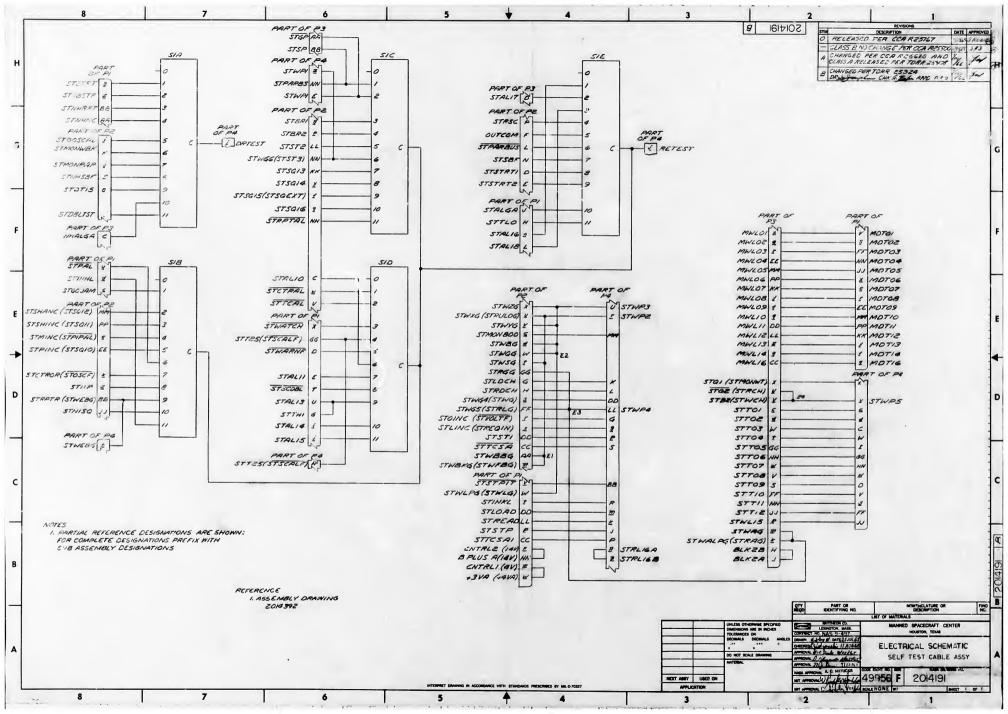


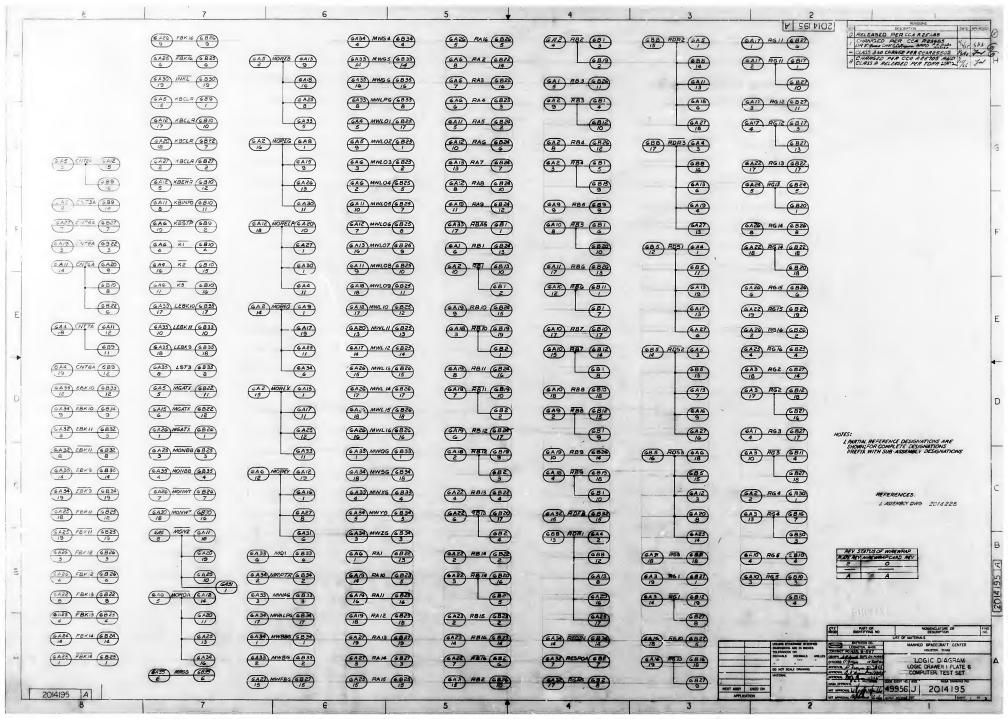
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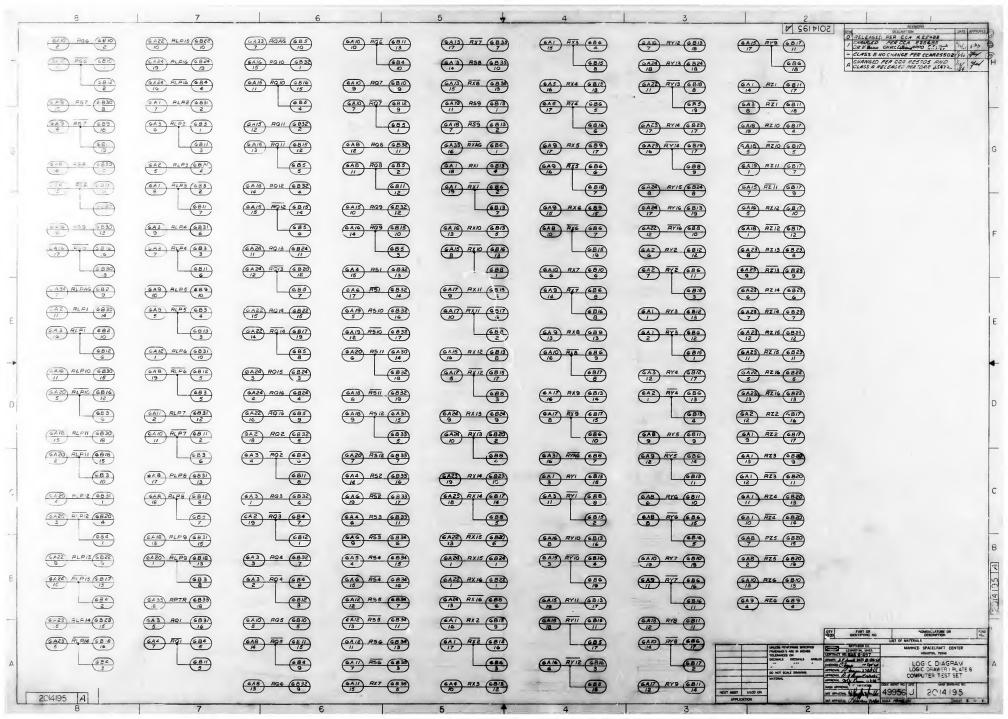


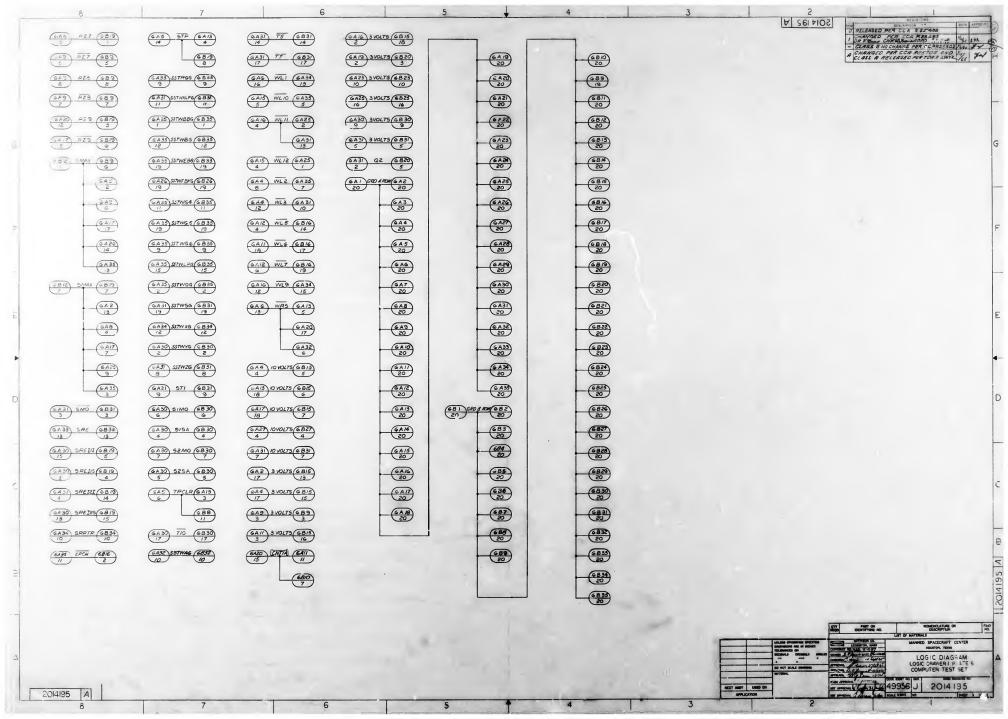


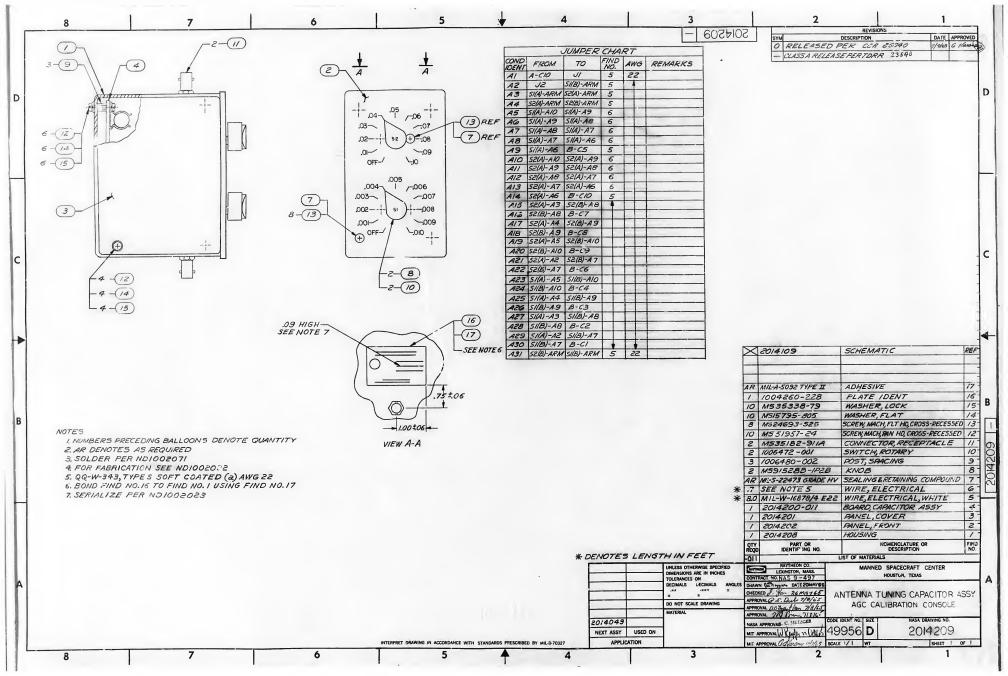


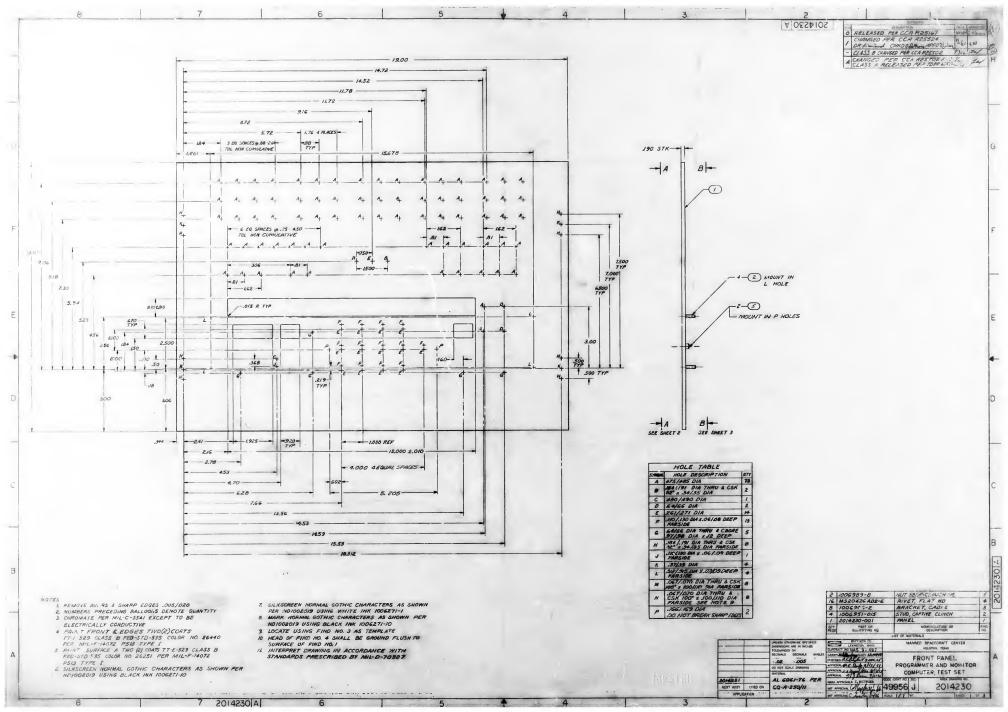


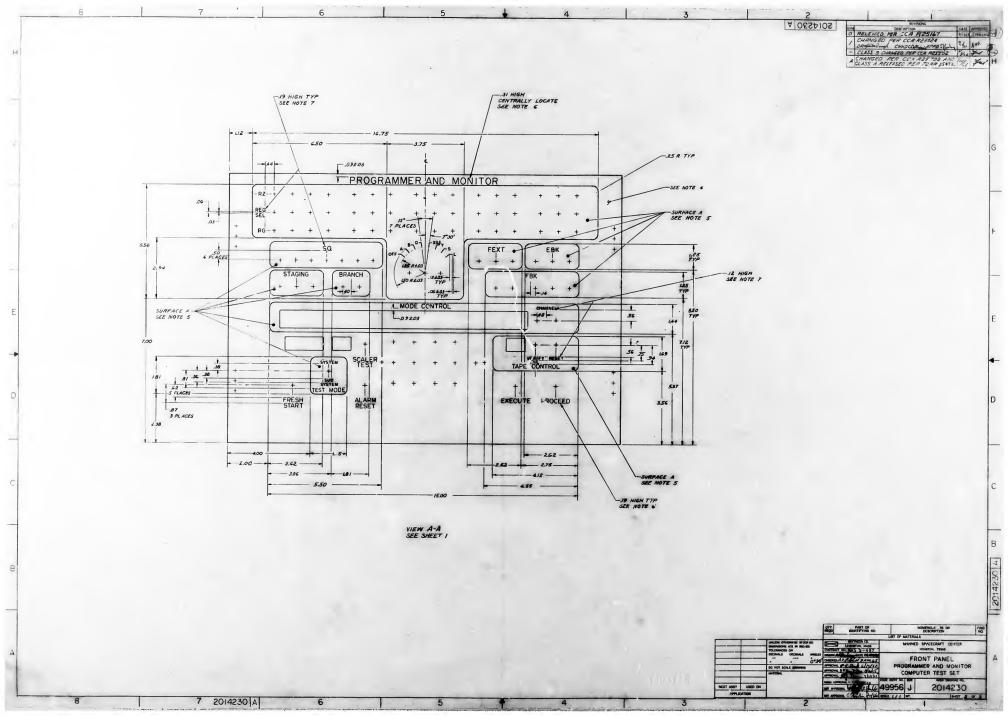


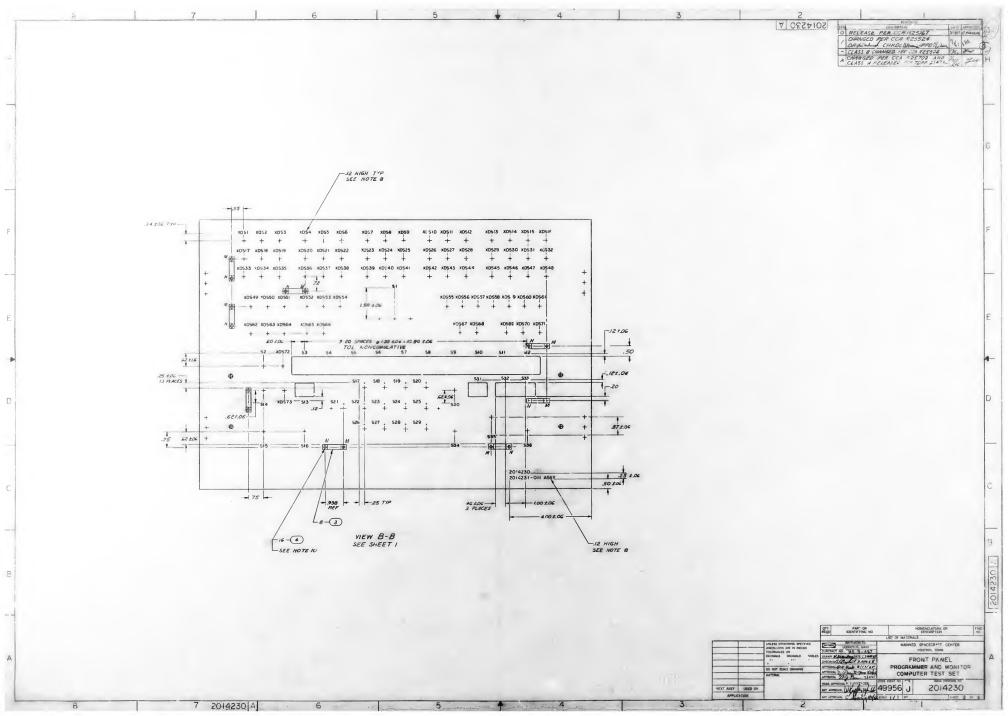


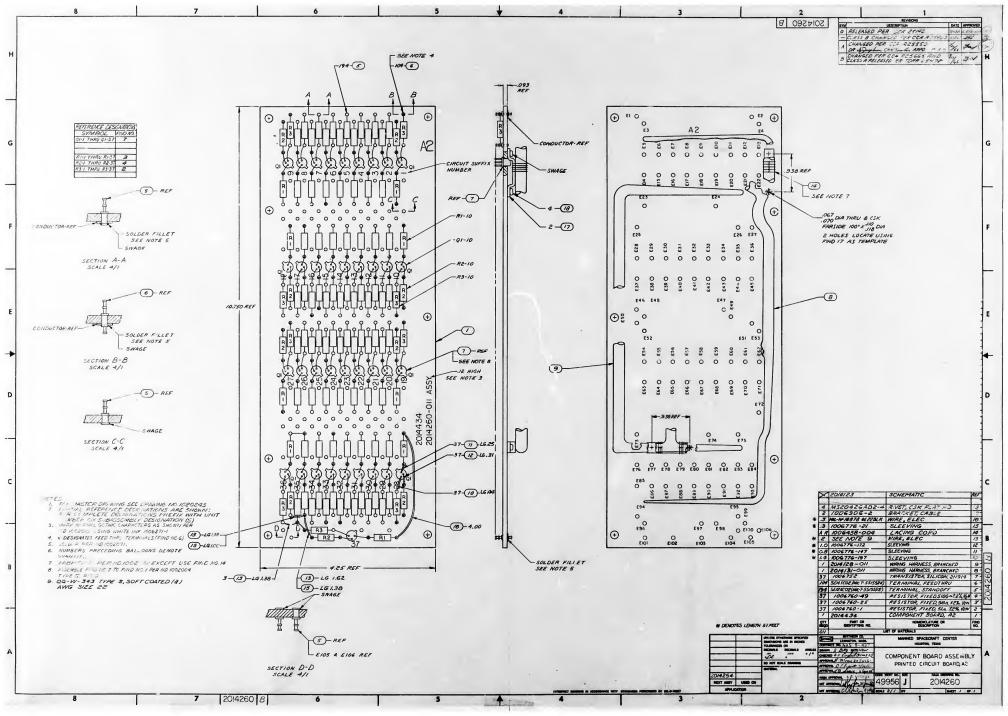


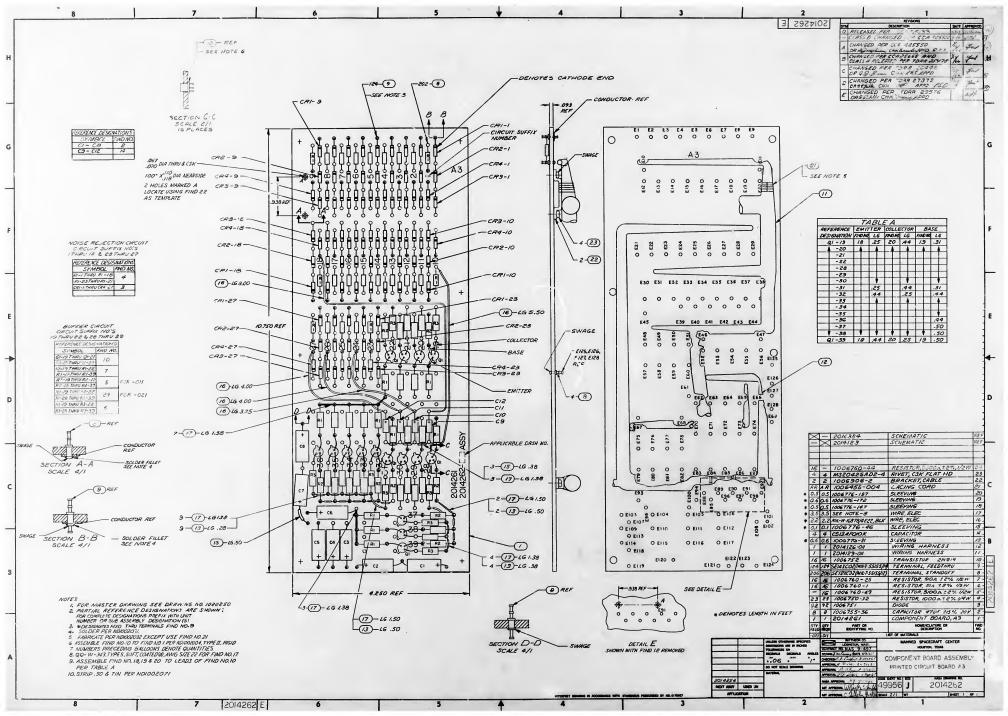


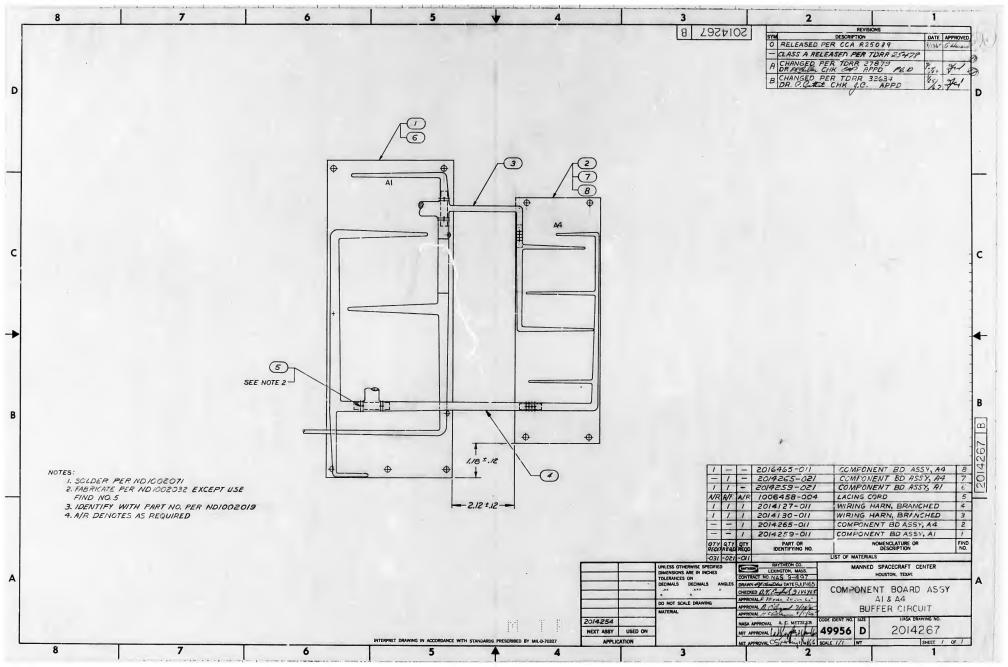


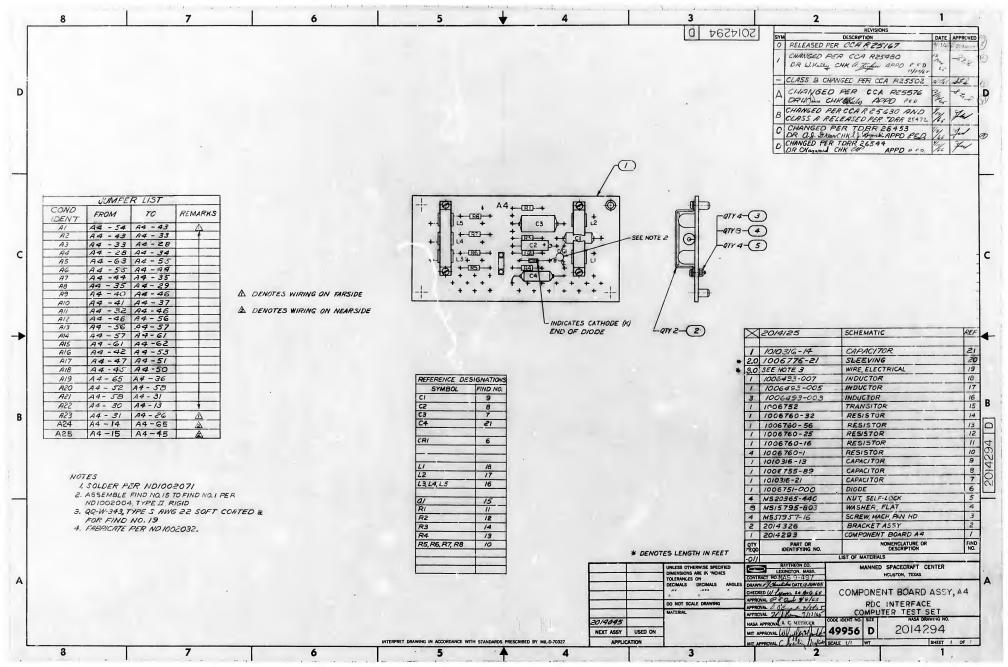


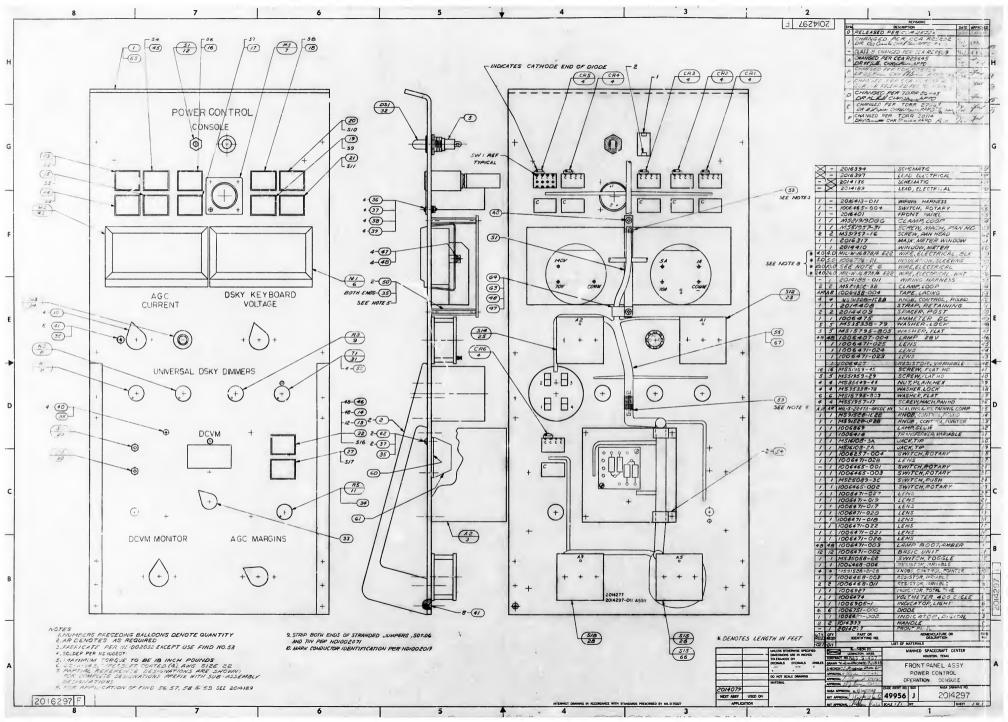


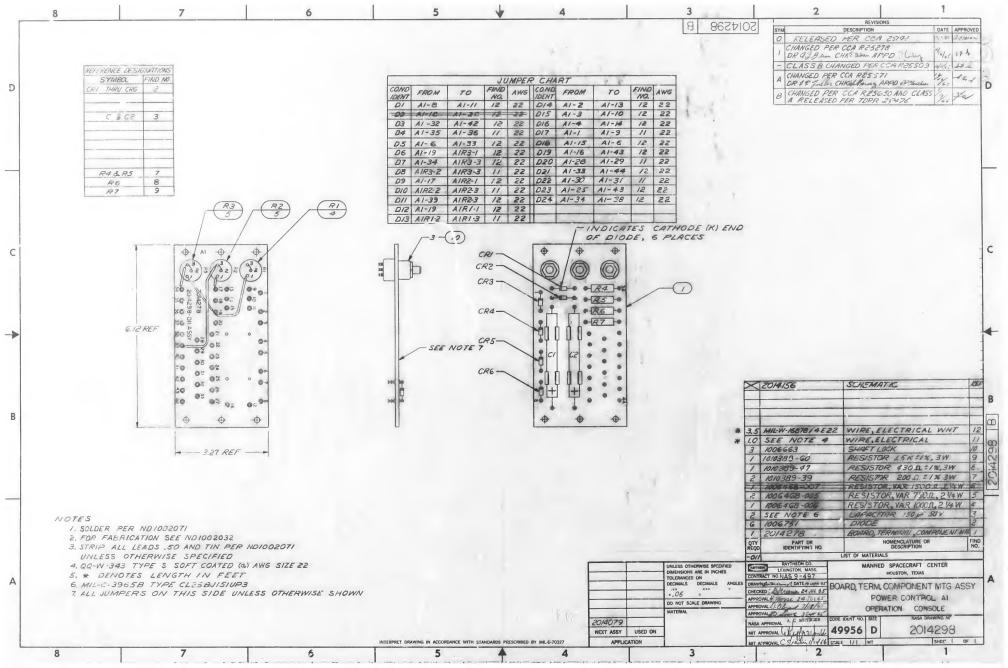


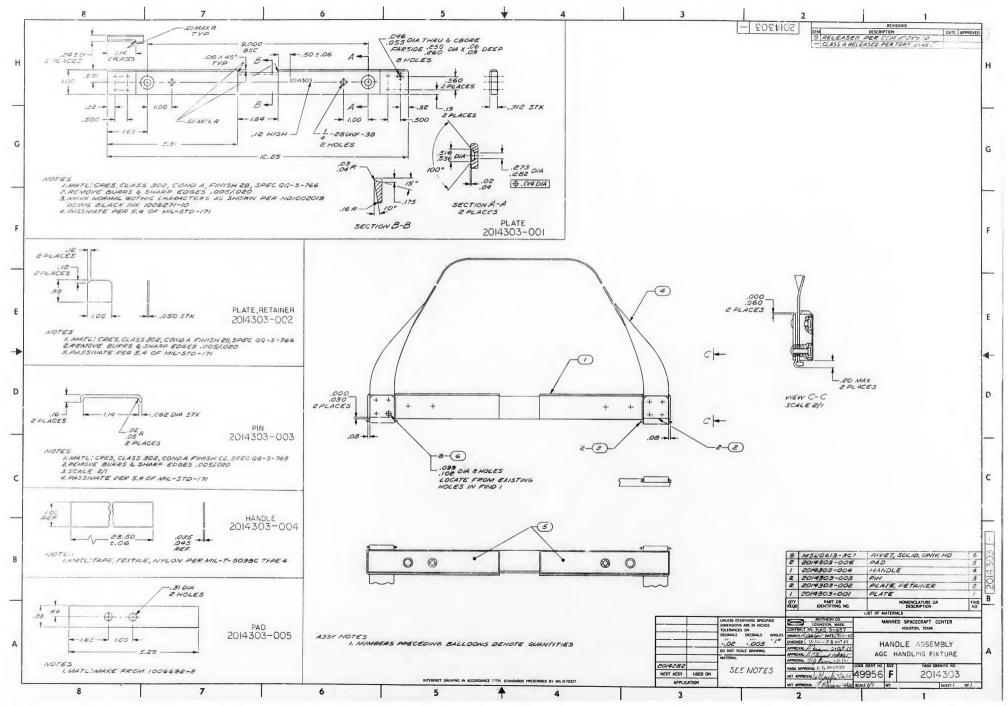


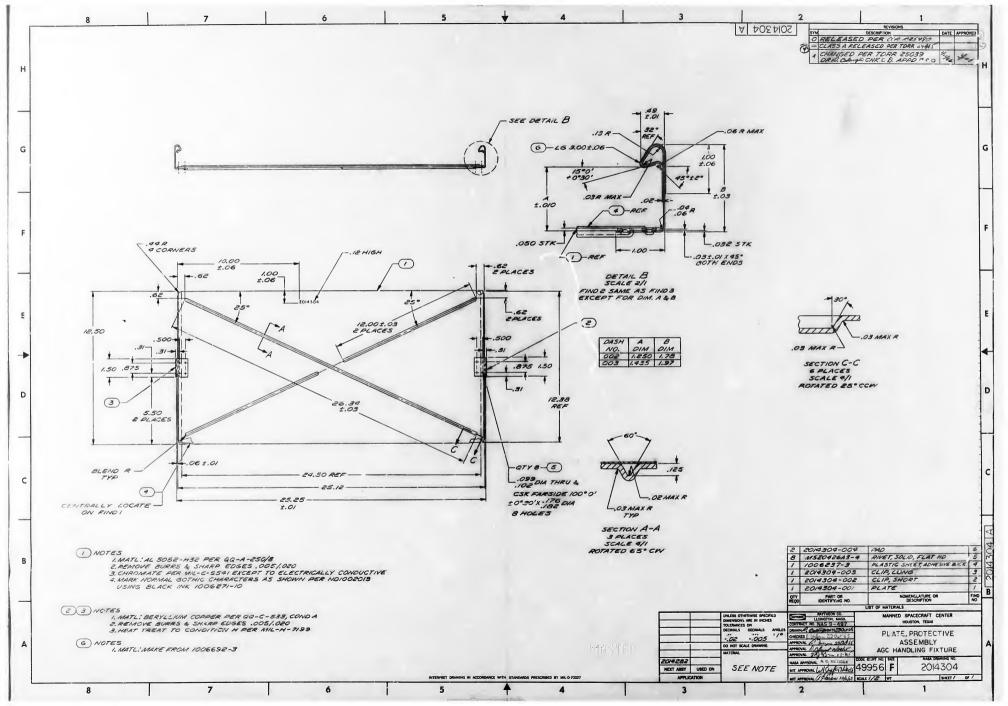


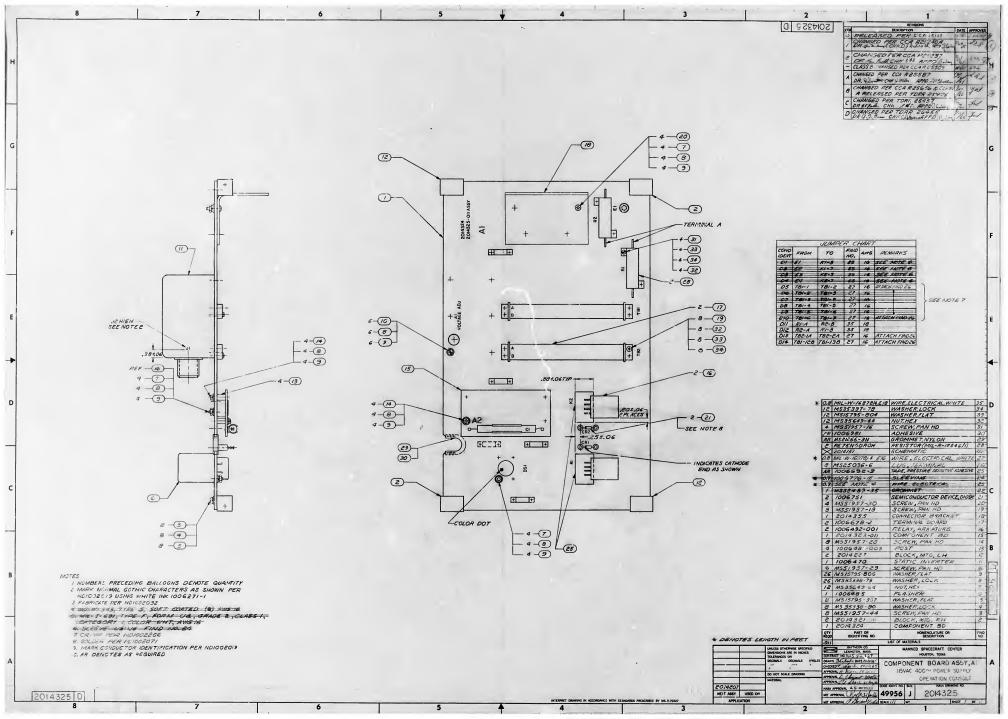


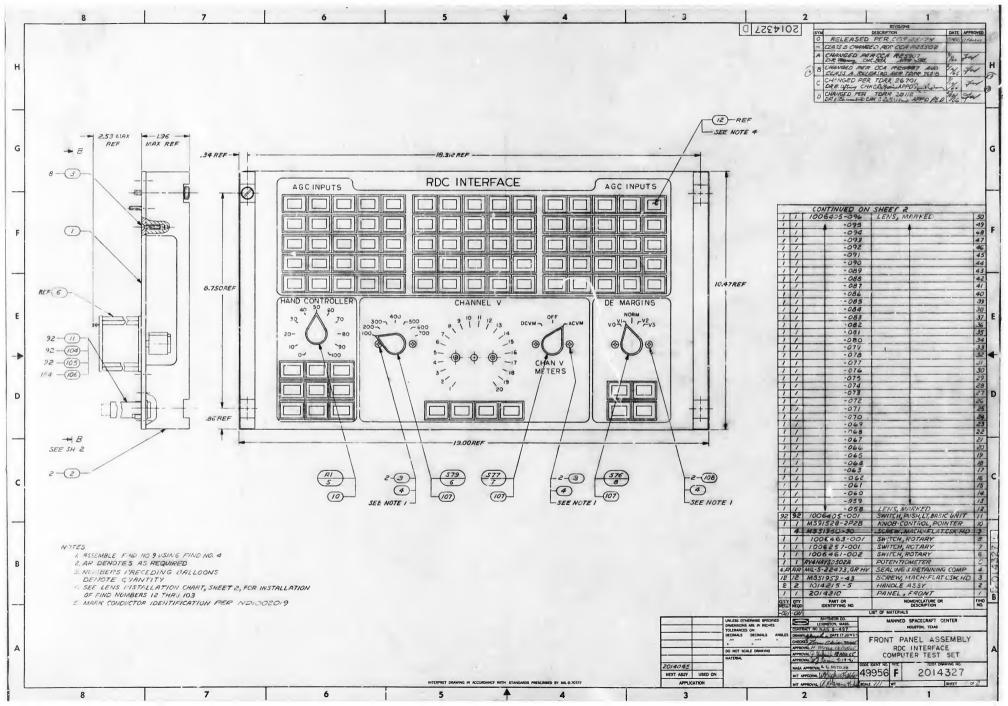


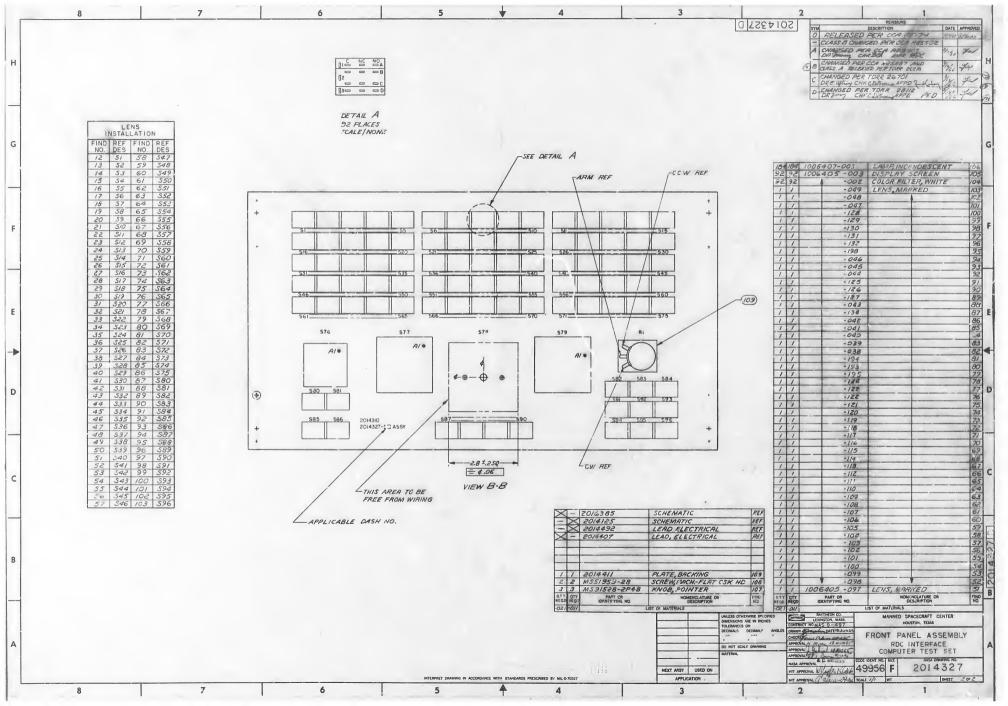


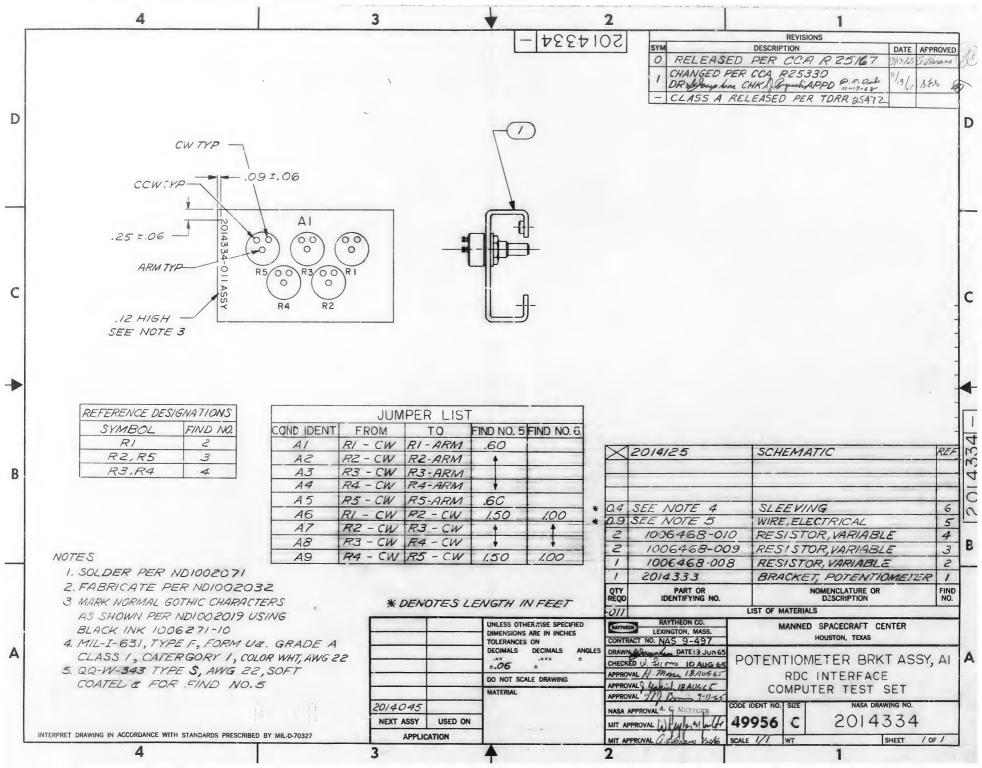


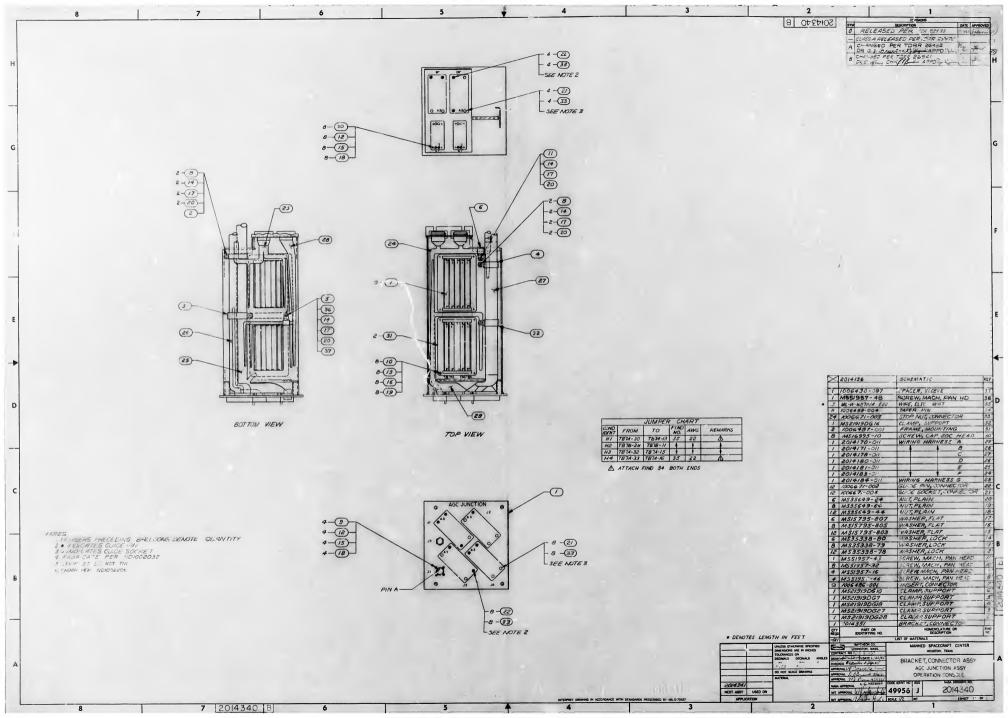


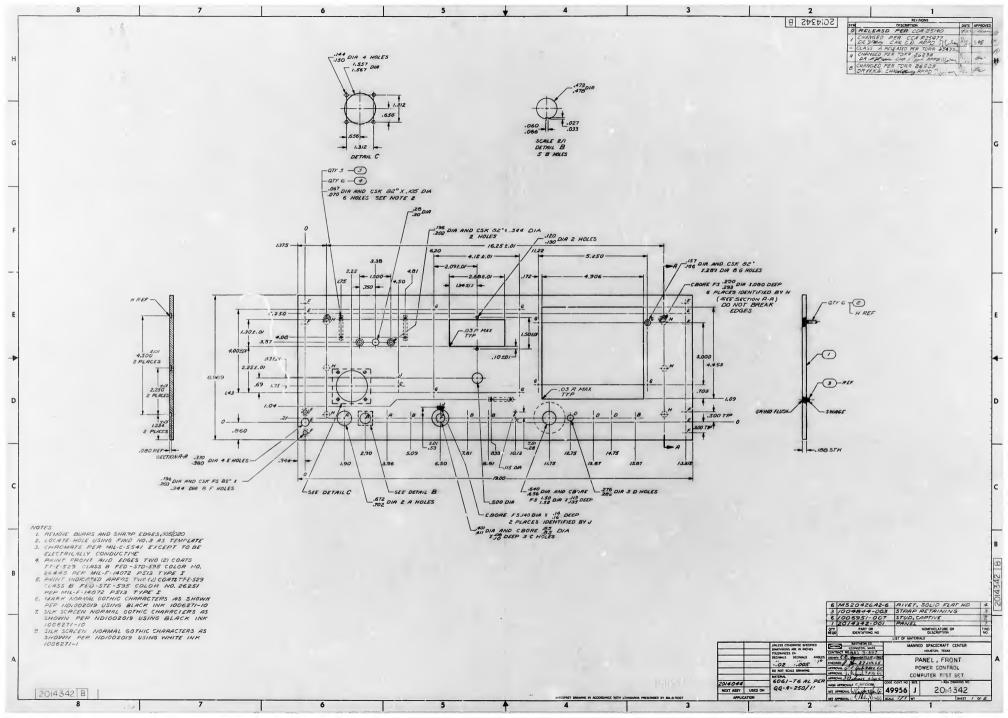


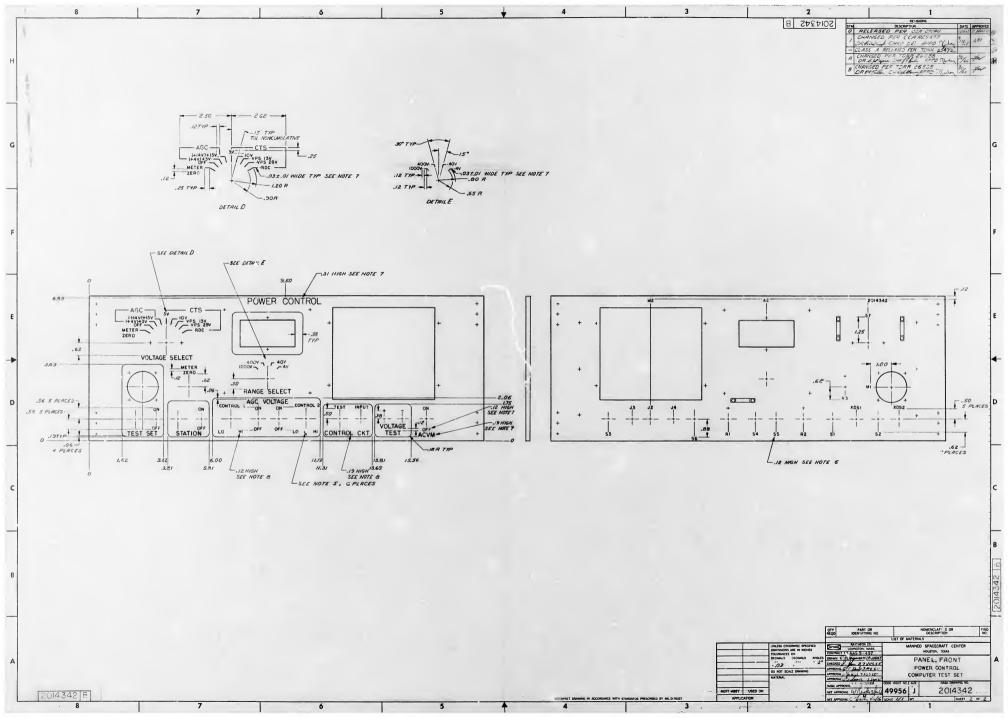


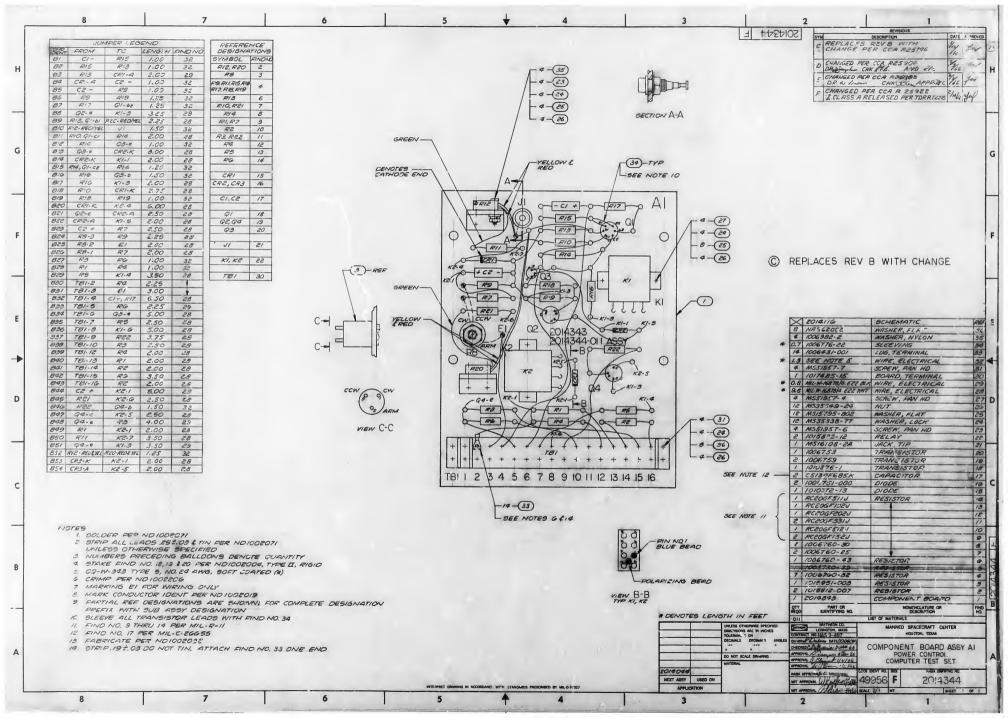


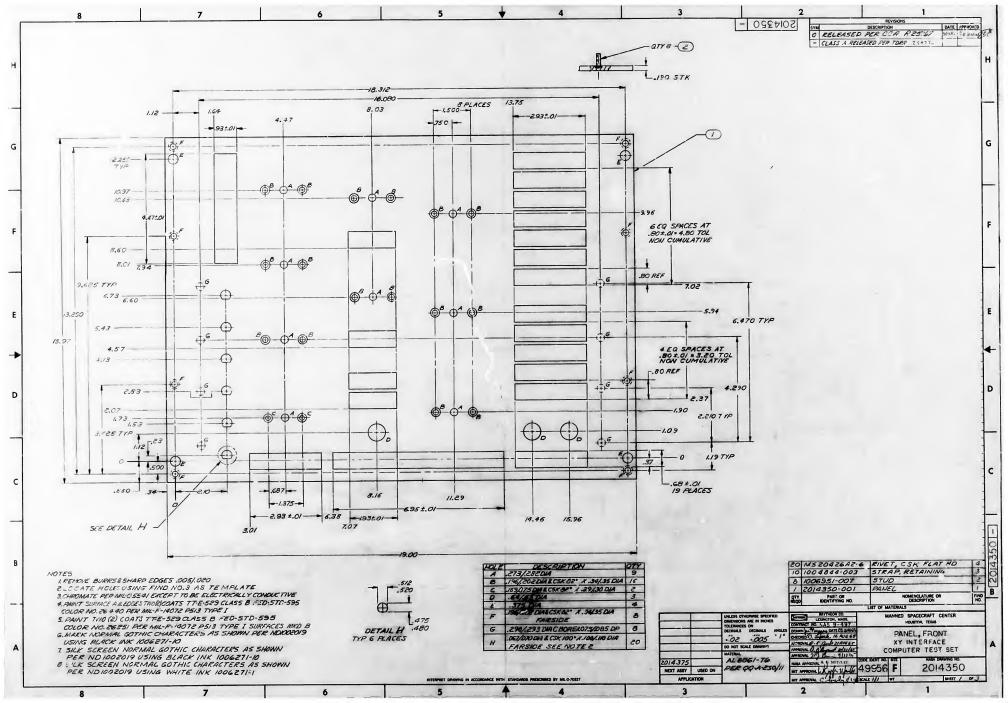


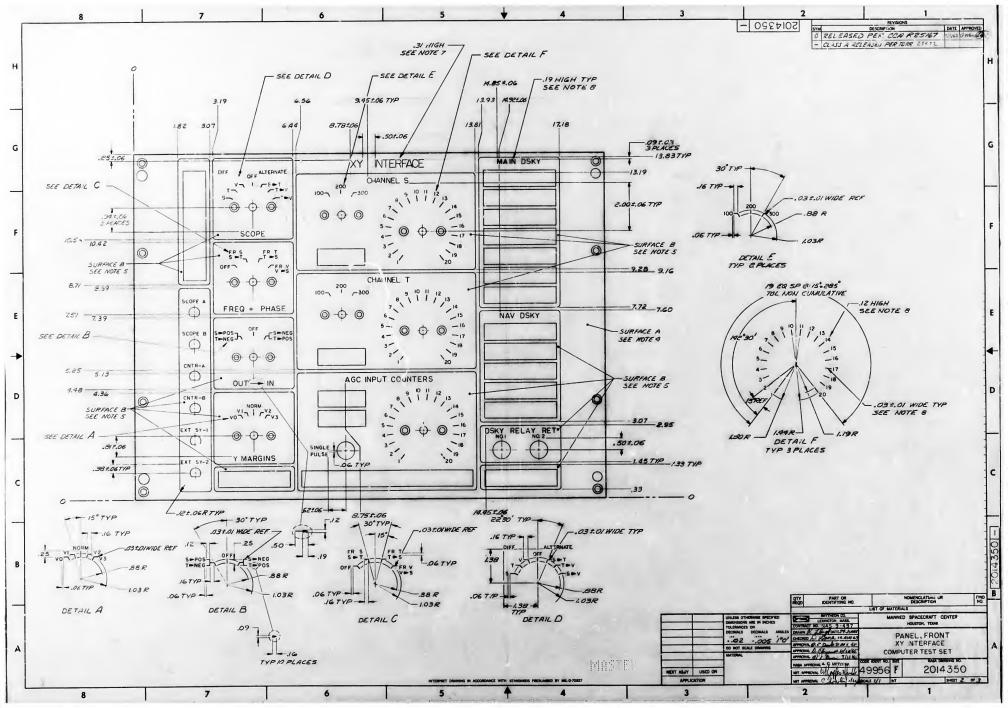


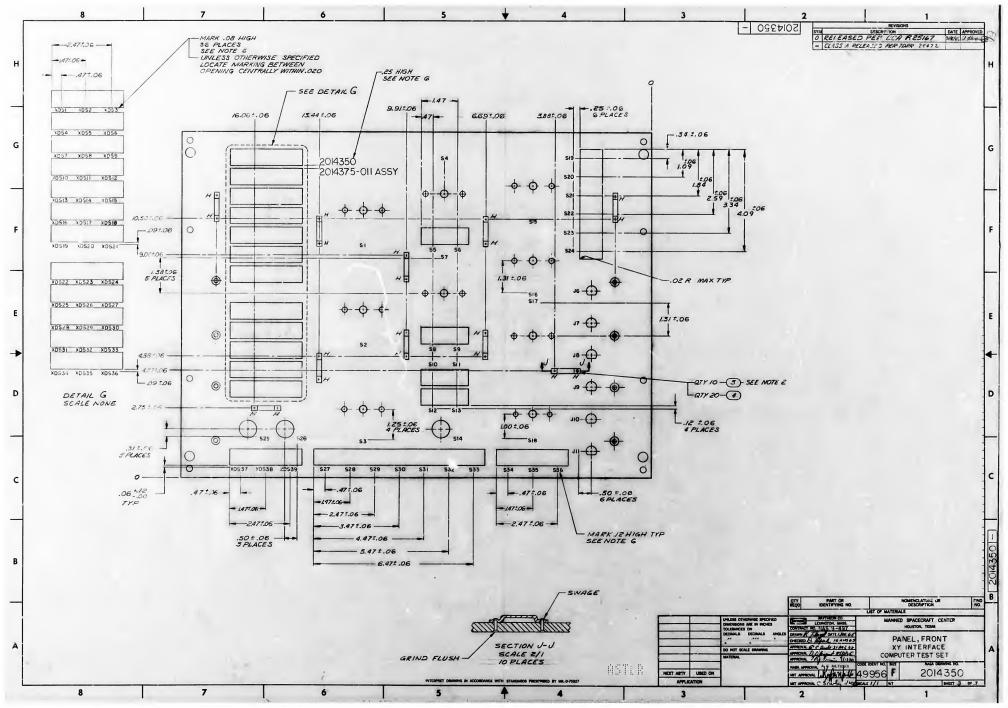


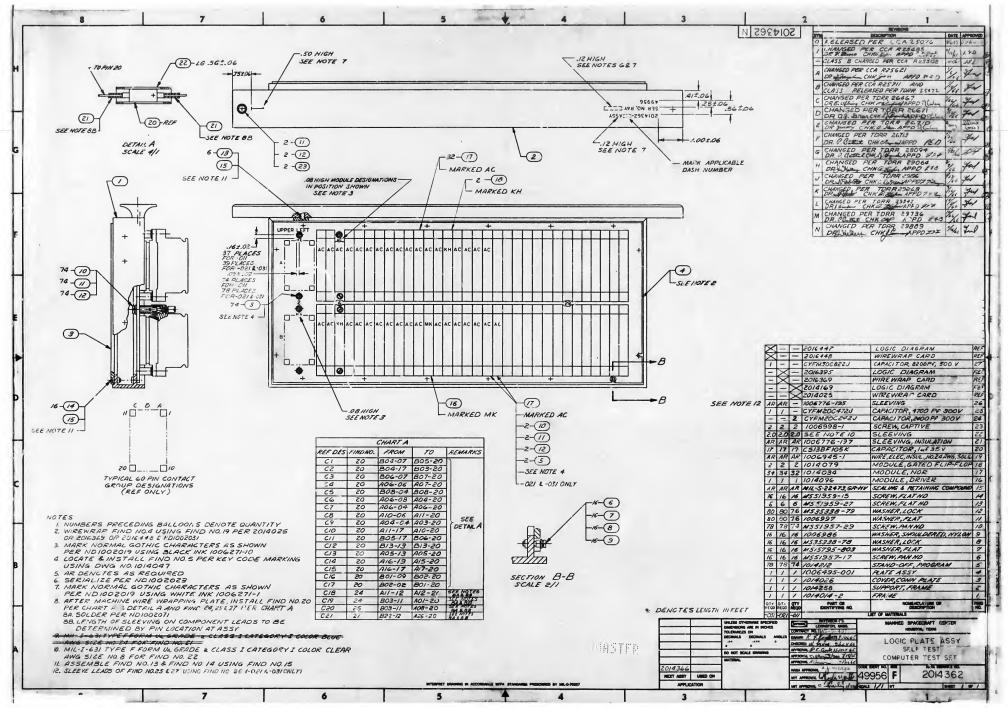


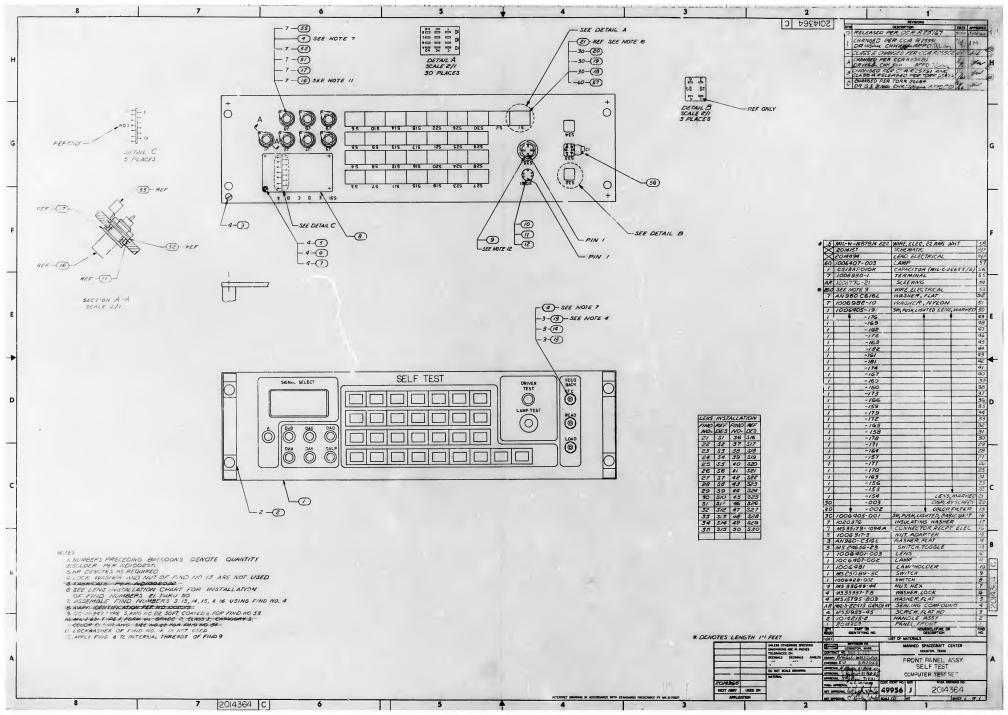


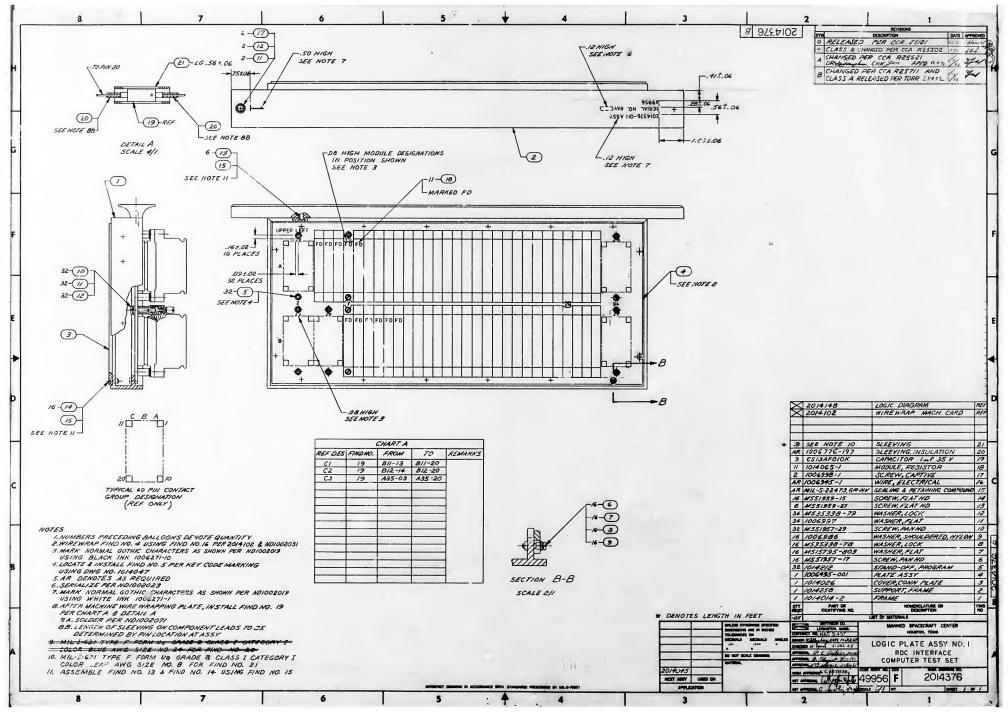


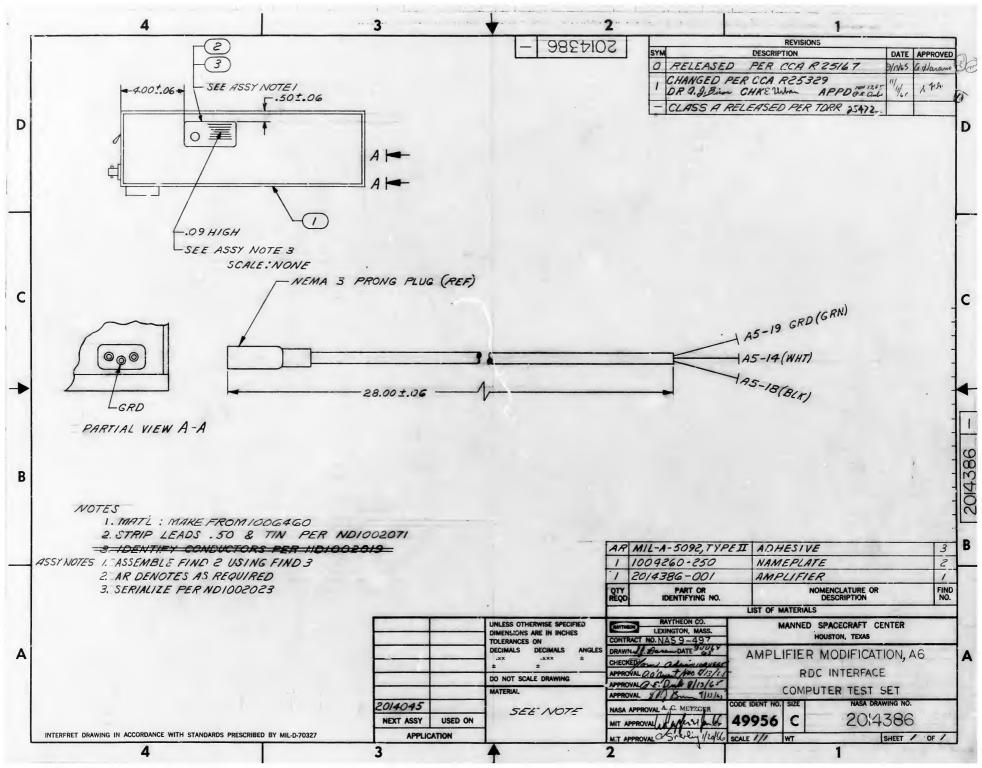


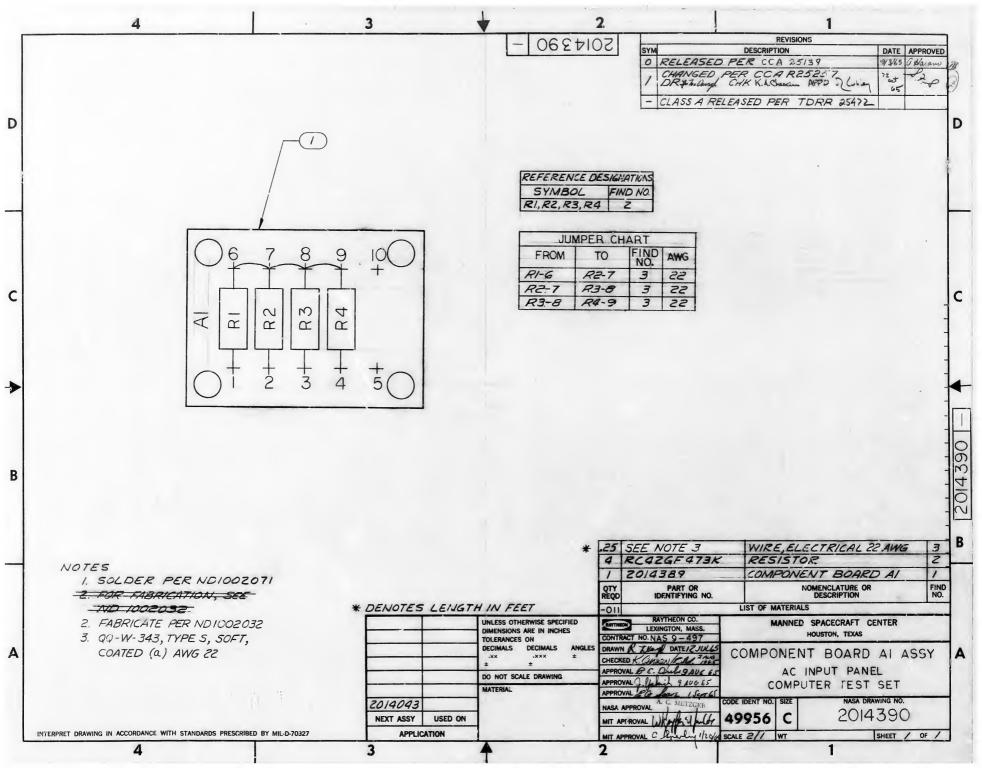


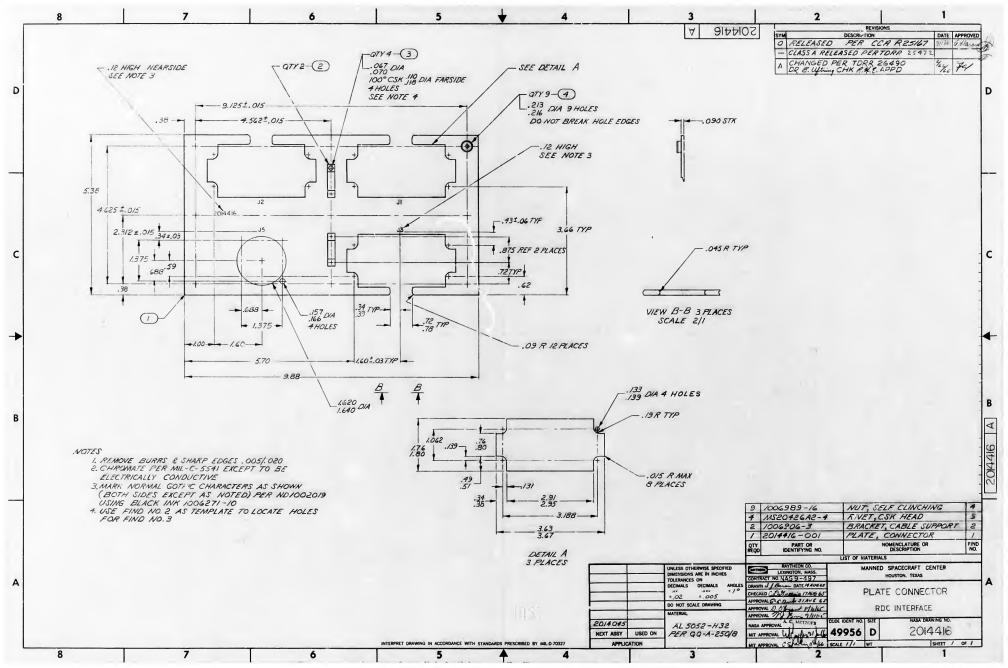




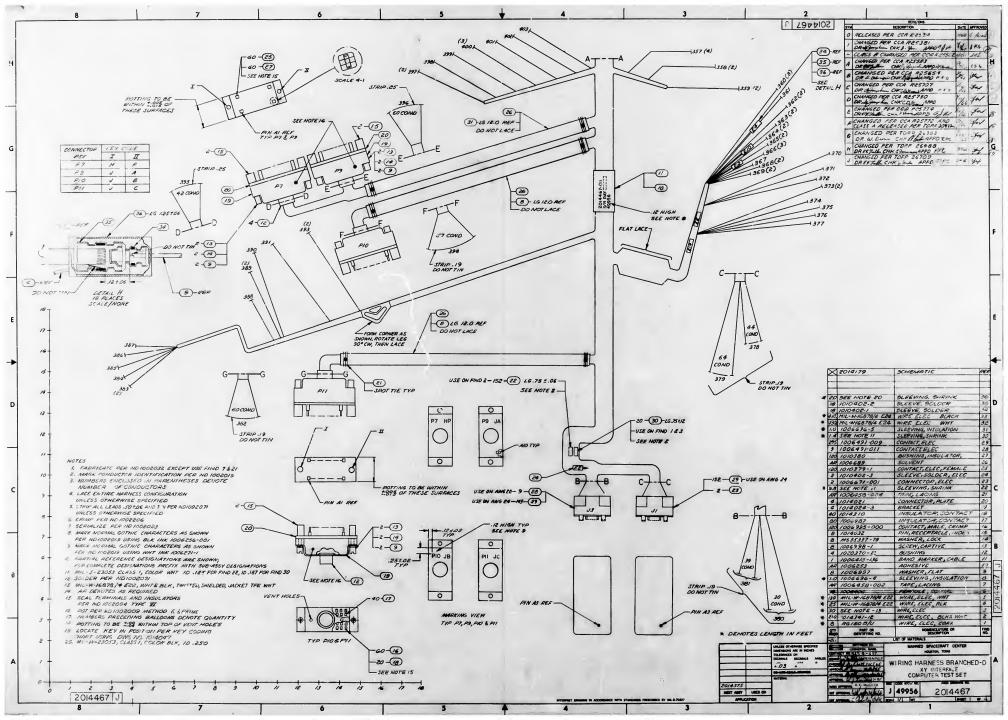


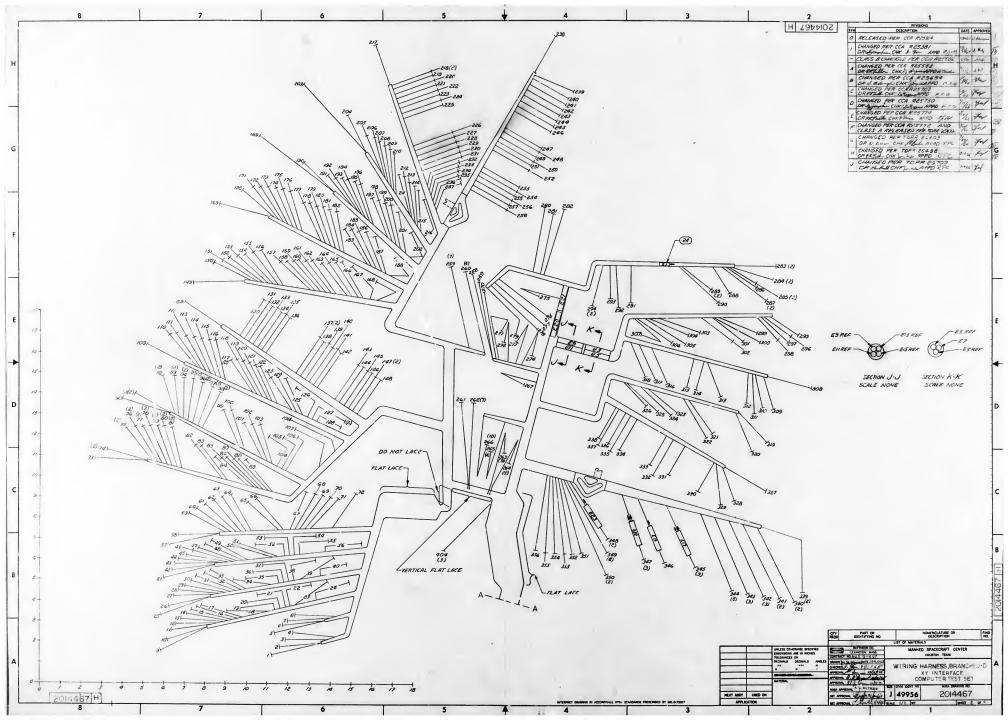




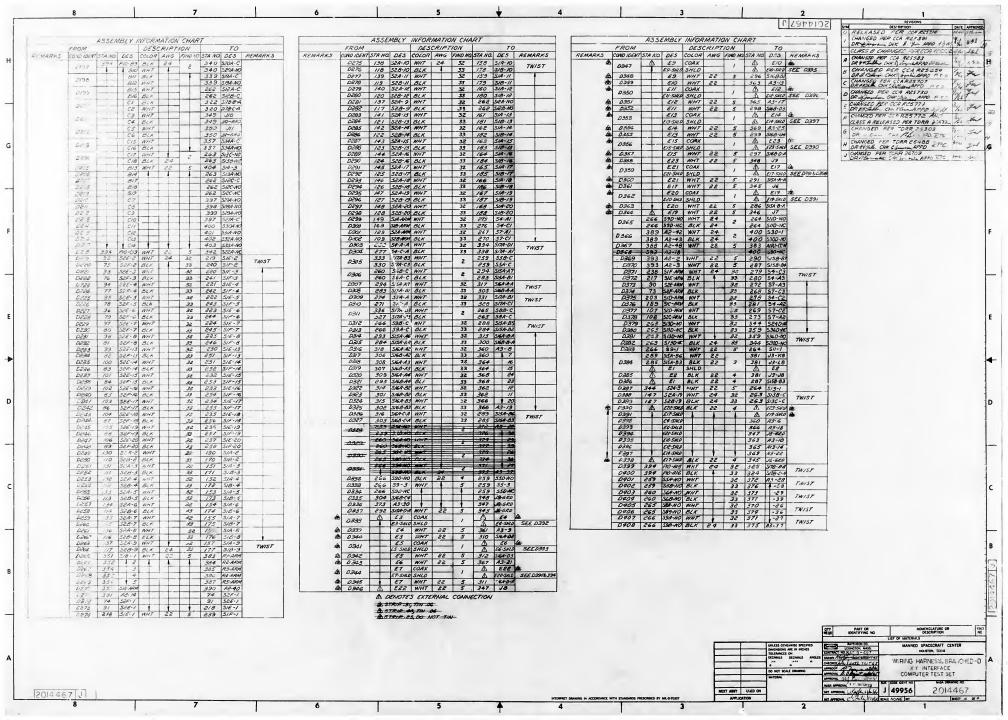


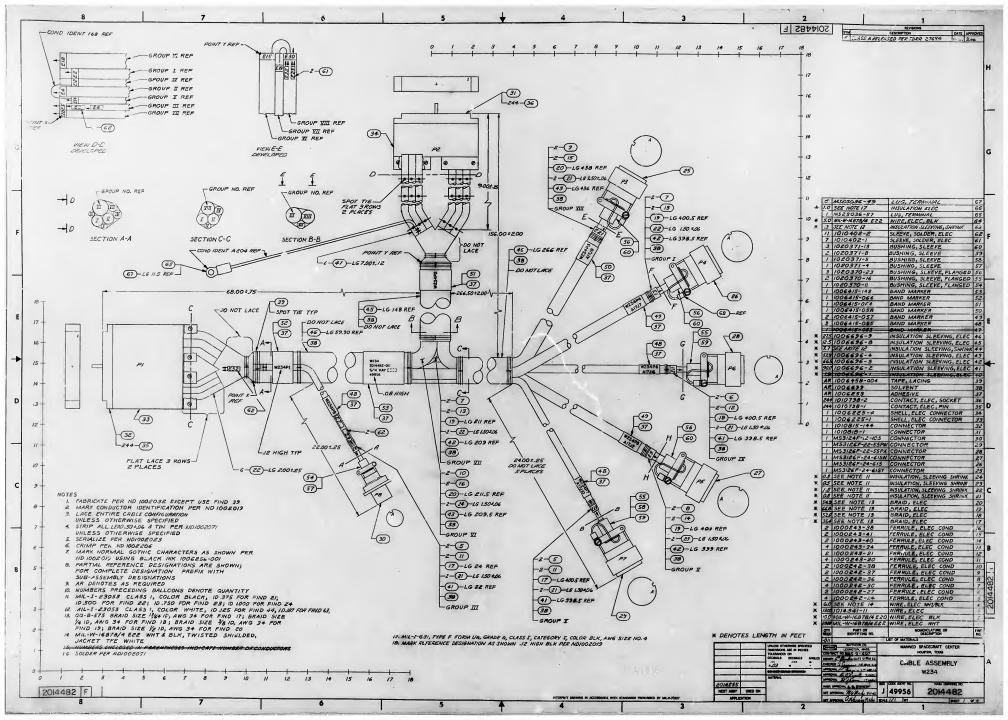
UNITED CONTINUES SHOULD	MARKS	JUMPER CHART	JUMPER CHART   COMP   FROM   TO   COLOR   AWG   REMARKS   FIJT   X051-C   X059-C   WIT   24   FIJS   X059-C   X059-C   FIJS   X059-C   X059-C   FIJS   X059-C   X051-C   FIJS   X051-C   X051	/ CHANGED I DR 49- - GLASSA RE	ED SERVICE POR CARESSIA CONTROL PROVIDE PER CARESSIA CONTROL PROVIDE CARESTIA CONTROL PROVIDE CA
Strict   S	3	FIS   532A-C   533A-C   WIT   FIS   532A-C   533A-C   WIT   FIS   52A-1   52A-3   52	FI43 X0513-C X05M-C FI44 X0514-C X0555-C FI45 X0515-C X056-C FI46 X0516-C X0517-C FI47 X0517-C X058-C FI48 X0518-C X052-C FI48 X0518-C X052-C FI49 X0519-C X052-C FI49 X0519-C X052-C FI50 X0520-C X052-C FI50 X0520-C X052-C		G
## 180   Fig.   180   18	5/3-7 WW7 5/3-3 8US 5/3-3 8US 5/10-MO WM7 5/20-MO 5/20-MO 5/20-MO 5/20-MO 5/20-MO	F85	FIS3 X0522-C X0524-C FIS4 X0528-C FIS5 X0525-C FIS5 X0525		F
\$\$\frac{\text{\$\sigma}\$ \text{\$\text{\$\sigma}\$ \text{\$\text{\$\text{\$\sigma}\$ \$\text{\$\t	5360-MO 5350-MO 5360-MO 5390-MO 5360-MO 5390-MO 5390-MO 5320-MO 5290-MO 5290-MO 5290-MO 5290-MO 5270-MO 5280-MO 5270-MO 5280-MO 5270-MO	F95 S8A-C 559A-C WINT F96 S8B-C 59B-C WINT F97 SISA-AE SISA-BE WIT F98 SISA-BE SISA-CE WINT F98 SISA-BE SISA-CE WINT F00 59-1 59-3 BUS FIOU 59-3 58-1 WIT FIOE 58-1 58-3 BUS	F163 X0533-C,X0536-C F164 X0530-C X0535-C F165 X0535-C X0536-C F165 X0535-C X0536-C F165 X0535-C X0536-C F167 X18-C X18-		E
File   Sep-NC   SEP	36 SZBD-MC SZBD-MC 37 SZBD-MC SJD-MC 88 SJDD-MC SJD-MC 99 SJD-MC SJD-MC 10 SJD-MC SJBD-MC 11 SJD-MC SJBD-MC 12 SJD-MC SJBD-MC 12 SJD-MC SJBD-MC 13 SJD-MC SJBD-MC 13 SJD-MC SJBD-MC 14 SZD-MC SJBD-MC 14 SZD-MC SJBD-MC	FIOS 590-NC 580-NC WIT FIOS 590-NO 580-NC WIT FIOS 55-3 55-1 50.3 FIOS 55-1 56-3 56-1 50.3 FIOS 55-NO 560-NO WIT FIOS 55-NO 560-NO WIT FIOS 578-58 578-01 WIT FIOS 578-58 578-01 WIT	F173 NC538-C NC539-C WHT 24 F178 5778-H3 F178-H3 BUS 24 F175 5778-H3 F178-H3 BUS 24 F176 5100-N0 5170-N0 WHT 24 F177 516A-70 516A-70 WHT 24 F178 5154-83 5158-07 BUS 24 F179 5154-70 515A-70 BUS 24 F180 5134-C 5338-C WHT 24		D
First   Sist-96   Sist-96   Sist-96   Sist-96   Sist-96   Sist-97   Sist-96   Sist-9	743   SZED-NC   SZED-NC   747   SZED-NC   SZED-NC   747   SZED-NC   SZED-NC   749   SZED-NC   SZED-NC   749   SZED-NC   SZED-NC   749   SZED-NC   SZED-NC   750   SZED-NC   SZED-NC   751   SZED-NC   SZED-NC   752   SZED-NC   SZED-NC   753   SZED-NC   SZED-NC   753   SZED-NC   SZED-NC   754   SZED-NC   SZED-NC   7554   SZED-C   7555   SZED-C   7556   SZED-C   7576   SZED-NC   7577   SZED-NC   7577   SZED-NC   7578   SZED-NC   757	FII4		A A	c
Fig6   S27-2   S270-C   1   1   1   1   1   1   1   1   1	FS6   S/9-2   S/90-C   FS7   S36-2   S360-C   FS9   S35-2   S350-C   FS9   S34-2   S340-C   F60   S38-2   S330-C   F61   S32-2   S320-C   F62   S31-2   S320-C   F63   S30-2   S300-C   F64   S29-2   S200-C   F64   S29-2   S200-C	Fi24 5/5-87 5/58-86 8/JS Fi25 5/5A-83 5/58-86 W/F Fi26 528 -2 5280-C B/JS Fi27 523-2 5280-C FI27 523-2 5280-C FI28 522-2 5220-C FI29 521-2 5210-C 5/JS Fi30 525-4 526-9 W/F Fi31 X051-C X052-C FI32 X052-C FI32 X052-C X053-C FI32 X053-C X053-C FI33 X053-C X053-C FI33 X053-C X053-C FI33 X053-C X053-C FI33 X053-C X053-C FI32 X053-C X053-C FI33 X053-C X053-C FIXA X053-C X		7 =	1.00 m
TO TOT SCAL DAMPING WITH SUB-ASSEMBLY  ATE ALL BUS WIRE WITH SLEEVING UNLESS  WITHOUL SUPPORT OF THE STATE OF	SEP-2 SEPO-C TO SEP-2 SEPO-C SUS TO SEP-2 SEPO-C SUS TO SU	F/34 XDS4-C XDS5-C F/35 XDS5-C XDS6-C		UNLES OTHERWISE SPECIFED DIMENSIONS ARE IN HOUSE TOLLIMANS DICHMAS MALLS DICHMAS DICHMAS MALLS DICHMAS DICHMAS MALLS DICHMAS D	LET OF MATERNALS  MANNED SPACECRAFT CENTER HOUSTON, TOJAG  LEAD ELECTRICAL

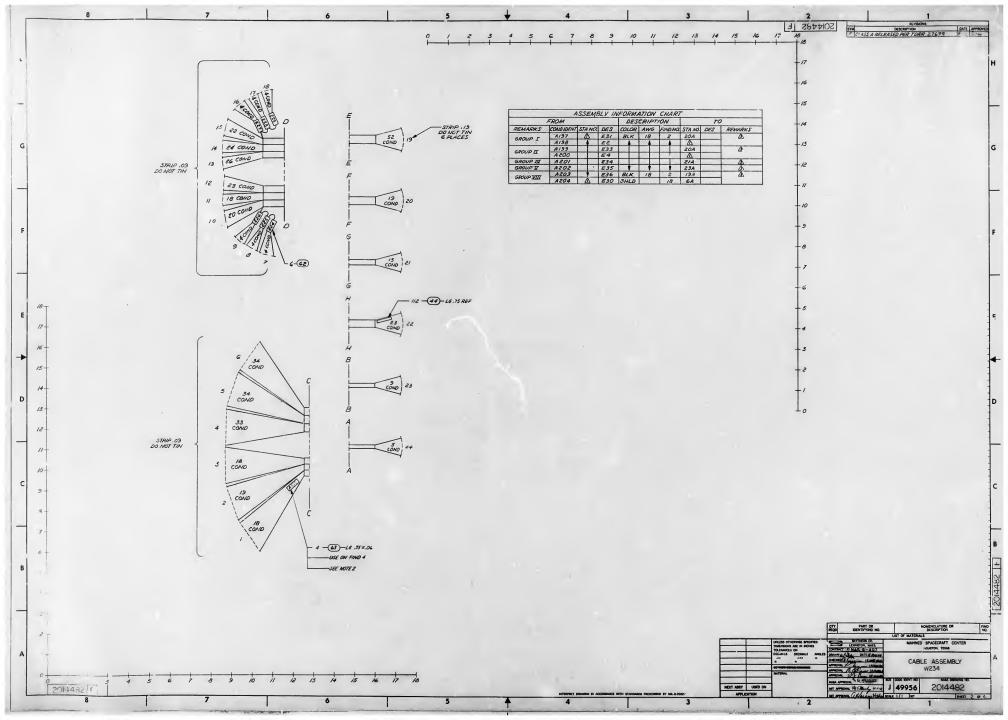


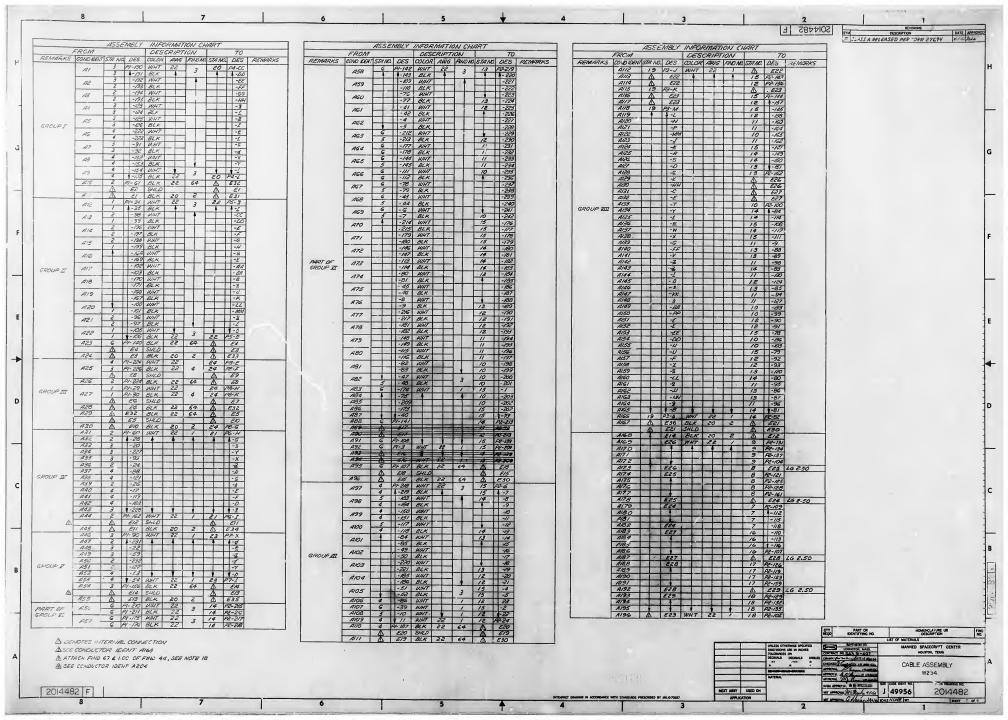


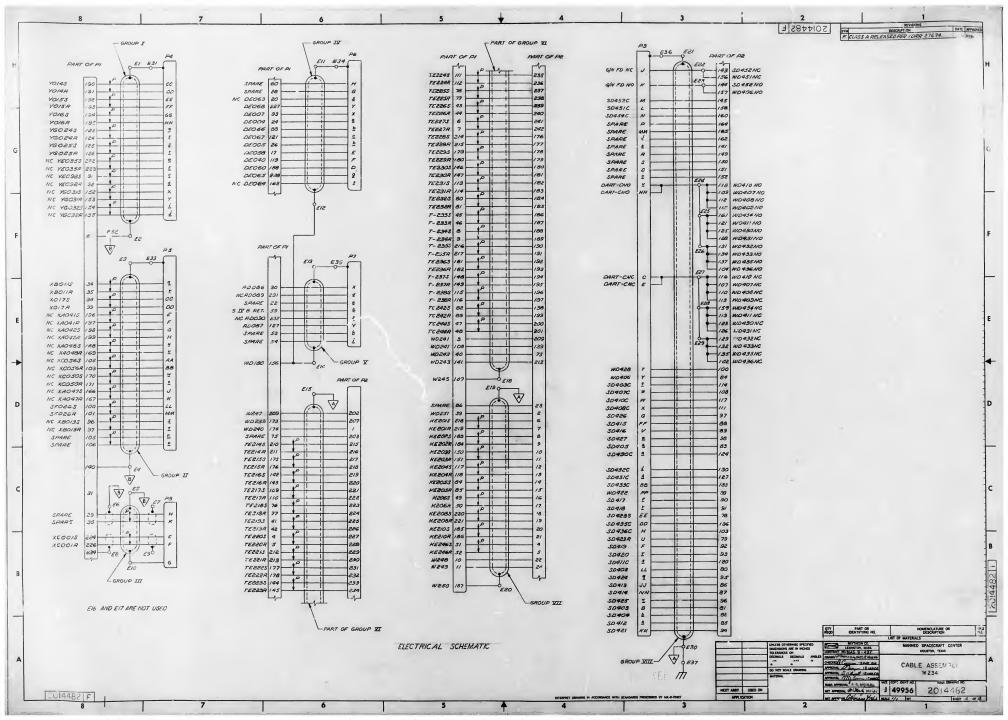
	8 7	6 5 4	3   2	1
		•	C) 734407	SYM DESCRIPTION DATE APPROVED  O RECEASED PER CON 263349
	ASSEMBLY INFORMATION CHART	ASSEMBLY INFORMATION CHART	ASSEMBLY INFORMATION CHART	CHANGED PER CCA RESSET
P	FROM DESCRIPTION TO  CHARKS CONDIDENT STAND, DES COLOR AWG FINONO, STAND, DES REMARKS	FROM DESCRIPTION TO  REMARKS CONDIDENT STAND DES COLOR AWG TINDING STAND DES REMARKS	FROM DESCRIPTION TO REMARKS CONDIDENT STAND DES COLOR AWB FINDNESTAND DES REMARKS	- CLASS B CHANGED FER CCARESTORNA LALL
Н	DI 378 JI-A3 WHT 24 2 381 J3-N3 1 A4 BLK 1 N4	D68 379 UI-U7 WHT Z4 32 G2 S3A-5 D69 1 UB BLK 33 46 S3B-5 TWIST	DI22 396 P9-A5 WHT 24 32 196 51C-14	CHANGED FOR CCA RESSEY  RESIDENCE CHANGED FOR CCA RESSESS  OCHANGED FOR CCA RESSESS  OR P. Astronyou CHKA - MADPO CO. Y.
	C2 45 WHT .N5 -A6 BLM .N6	070 -VI WHT 32 26 536-1 1 071 -V2 BLK 33 10 530-1	DIE3 -A6 8.K 33 210 50-19 DIE4 -A7 WYT 32 190 51C-6 DIE5 -A8 8.K 33 200 510-9	CHANGED PER CCA RESTOT
	D3	D72	D/26 -A9 WHT 32 198 5/C-16 D/27 -A10 BLK 33 212 5:0-16	C CHANGED FER CCA RESTOT  DROWN ON CHANGE PAR CCA RESTOT  D CHANGED FAR CCA RESTOT  D CHANGED FAR CARESTON  OR AS MAN CHECK CANADAMIC CON  OR AS MAN CHECK
-	4 -B3 WHT 395 P7-C5 -B4 BLK 1-C6	074 -45 Will 32 27 530-2 075 -46 BLK 33 11 530-2	DI28 -AII WHT 32 57 534-ARM DI29 -AIZ BLN 33 41 538-ARM	D CHANGED PER CCA R25730  OR ASJUMNO CHECKEN APPL CO 1/1 44
	05 -BS WAT -C7 -C8	D76 -Y7 WHT 32 60 53A-3 D77 -Y8 BLM 33 44 538-3 TWIST	D/30 -A/3 WHT 32 25 5% ARM	F CHANGED PER CORRESTIZA AND CHANGED PER TORRISTAL TO
	06	078 -WI WHT 2 395 P7-CII	DIST   -410   BUK   33 9   \$50-ARM     DIST   -415   BUK   32 5   \$50-ARM     DIST   -416   BUK   33 7   \$35-ARM	6 CHANGED DER TORP 24303
G	CF	079 -W2 BLK CI2 079 -W3 WHT 2 - CI2 CI2	D134 -A17 WHT 32 197 51C-15 D135 -A18 BLK 33 211 510-15	H CHAIGED PER TOPP 26488
	19 -D3 WHT 32 31 53C-6	DBO -WS BLK 2 395 07-C/6	DI36	J CHAIGED PER TORR 26 TO PER 3461 YOL
	Di.   -25 N'HT   32 64 53A-7	081 -W7 WNT 32 58 534-1 082 -W8 BLK 33 42 538-1 TWIST	DI38   -81 WHT   32 228 SIC-11 DI39   -82 BLK   33 249 SIF-11	
	D.3 -D7 WHT 32 32 53C-7	083 -X9 WHT 2 396 PT-C9 P7-CIO	DI40 -83 WHT 32 229 515-12  DI41 -84 BLK 33 250 515-12	·
	2.5 -EI WHT 32 65 53A-8	DB4 379 JJ-X6 BLK 396 P7-CZ	D/42 -85 WHT 32 201 SIC-19 D/43 -86 BLM 33 2/5 SIO-19	
	0/7 -E3 WHT 32 33 53C-8	D85 381 J3-G1 WHIT 382 PH-C5	DIA4 -87 WHT 32 199 51C-17	
	DG	286 -63 WMT -C7	D146 -89 WHT 32 200 51C-18 D147 -810 BLK 35 214 51D-18	
F	DE: 1 -E7 WHT 32 GB S3A-11	087 -H WHT -CB -CB -CB	DIAB -BII WHT 32 1.72 51C-20 DIAG -BIZ BLK 33 216 51D-20	F
	DEB 378 -FI WHT 32 37 53C-12	088 -H3 WMT -CIS -H4 BLK -CI6	DISO -BI3 WHT 32 191 SIC-9 DISI -BI4 BLK 33 205 SIO-9	
	025 -F3 WHT 32 69 53A-12	089 -VE BLK -BE	DIS2 -BIS WHT 32 192 SIC-10 DIS3 -BIG BLK 33 206 SID-10	
	D27 -F5 WHT 32 34 53C-9	090 - 1-13 WHT -83 -14 BLK -84	D154 -817 WHT 32 193 SIC-11 D155 -88 Bch 33 207 SIO-11	
	DZ9 -F7 WHT 32 66 53A-9	D91 -KI WMT -87 -KZ BLK -88	DISG -BI9 WHT 32 7 53E-19 1757 -BEO BLK 33 3 53F-19	
	U30 FE BLK 33 50 538-9 D31 -GI NWT 32 35 53C-IO D32 -GZ BLK 35 19 53D-IO	D92 -KS NWT -89 -KG BLK -810	DI58 -CI WHT 32 92 SEE-Z DI59 -CE RIK 33 75 SEE-Z	6.
E	033	093 -U NHT -813	DIGO -C3 WHT 32 93 52E-3 DIGI -C4 BLK 33 76 52F-3	F
	DSS -GS WHT 2 395 P7-CT7 -G6 BLK 2 1-CIB	D94 -M/ WHT -B15	DIG2 -C5 WHT 32 94 52E-9 DIG3 -C6 BLK 33 77 52F-4	1
	D36	095 -MS MMT -BI7 -BI8	DIGS -C8 BLK 38 78 525-5	1
	DB" -411 WHT 2 1-93 -HZ BLK 2 395 P7-84	036 -N7 WHT -B19 381 -N8 BLK -B20	D166 -C9 WHT 32 96 SZE-6 D167 -C0 BLK 33 79 SZF-6	1.
	D3S -M7 WHT 32 71 53A-19 D39 -M6 BLK 33 55 53B-19	D97 380 -51 WMT -C9 -C10	DI68 -CII WHT 32 97 SEC-7 DI69 -CIZ BLK 33 80 SEF-7	*
	D47 -RI WHT 32 38 53C-13 D41 -R2 BLK 33 22 53D-13	D98 53 WHT CII -54 BLK CI2	0/70   -CI3 MHT   32 98 526-8 D/7/   -CM BLK   33 6/ 526-8	1
	1042 -R3 WHT 32 39 53C-R 1043 -R6 BLK 33 23 53D-M	D99 -71 WHT -C17	DI72 -CI5 WAT 32 226 51E-9 DI73 -CI6 OLK 33 247 51F-9	1
D	D44	0100 380 -76 BLK -C20	D/74 -CI7 MMT 3g 227 SIE-IO D/75 -CIB BLK 33 218 SIF-IO	ĮD
	D46 -P? WHT 32 72 53A-15 TWIST	DIOI 381 -PS WHT -811 381 -PE BLK -812	D176 -C19 WHT 32 6 S3E-18 TWIST	
	D42 -PI WHT 2 39 P7-AI -A2	0102 380 -VI WWT -AI -AZ	DITB 394 PIO-AI MNT 2 341 521A-C 341 521A-MO	
	D4P3 WHT 2 -A3 -A4	C 103	O/79 -A7 WHT 2 394 SEGA-C 394 SEGA-C 394 SEGA-KO	1
	05	0104 -V5 WHT -A5 -V6 BLM -A6	DIBO	1
	D5/	DI05 -V7 WHT -A7 -A8	DIB2 -AII WHT 2 332 5724-64 -AIZ BLK 2 329 5774-CA	
c	053 -51 WHT 2 395 P7-BIT -52 BLK 2 B12	0106 -WI WAT -A9 -WZ BLK -A10	0183 - AIG BLK 321 S178-81 321 S178-81 319 S178-C1	]
	054 -53 WHT -819	DIO7 -W3 WHT -AII	DISC - 100 WAT 356 STOCK	
	055 -56 BLK -816	0108 -WS WHT413 -W6 8LKAR7 -W7 WHT415	DIES -AIB BLK 323 ST8-DI	
	D54 5.78 WWT 2 1.817 576 5.98 W 2 395 F8.88 D57 376 -71 WWT 32 30 536.5	0109 - 186	3/86 -82 8LK 357 535AHO	1
	D5E -T2 BLF 33 14 530-5 W/S	10 - x4 BLK -C2	0/89 -43 MMT 22 5 398 5384-MM	
	-74 BLK -86	0111 380 -X6 BLK 24 2 -C4 0112 381 -P1 BLK 22 4 -A17	0/89 -A4 342 SZZAMO 0/90 -A5 348 SZZAMO 0/91 -A6 348 SZZAMO	l B
	-TE BLK -88	0/13 -P2 WHT 5 -AB	0191 -A6 343 823ANO 0192 -AB 343 823ANO	
В	-T8 BLK 395 P7-BIO	0/15 381 -P4 -A20 0/16 380 -73 -85	0193 -85 404 514-4 0194 -86 268 5114-49	
	-63 -112 BLK 39 12 530-3	DIT 380 W-74 WHT 22 5 362 PI-86	0195 -87 409 519-1 0196 394 PIO-88 WHT 22 5 261 510440	
	Det - UA BLK 33 45 538-4 18/5	DI19 -AZ BLK 24 33 208 SID-IZ		
	DET 370 JI-U6 BLK 24 33 13 530-4 TWIST	DI20   -83 MMT 24 32 195 SIC-13 TWIST		
			ATT.	PART OR HOMENCLATURE OR FIND DESCRIPTION NO.
			UNLES OTHERWISE SPECIFIED LINES OTHERWISE SP	MAYTHEON CO. MANNED SPACECRAFT CENTER
Α			U-LEAS CHICHMEN STOCKED  DIAGNOSTO SER ROCKED  DIAGNOSTO SER ROCKED  SCORRES CHICHMEN SHARES SER  ALL STATE SER STOCKED SERVICES	MIRING HARNESS, BRANCHED-D
			00 NOT SCALE SEASONS APP	WIRING MARNESS, BRANCHED-D  WIRING MARNESS, BRANCHED-D  X Y INTERFACE COMPUTER TEST SET  COMPUTER TEST SET
	2014467 3		NEXT ABBY USED ON MIT	MTTON W/ 14 14 1 49956 2014467
		DITEMPRET	DEMINING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-0-70387 APPLICATION MIT	MARCHINE CONTROL WIT SHEET 3 OF 4

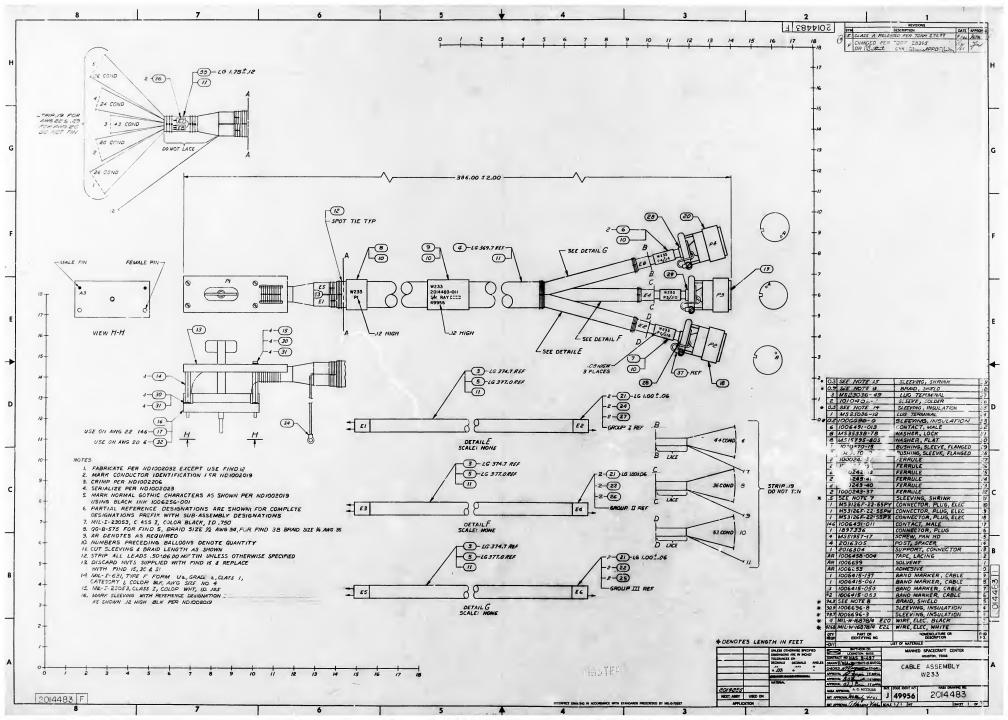


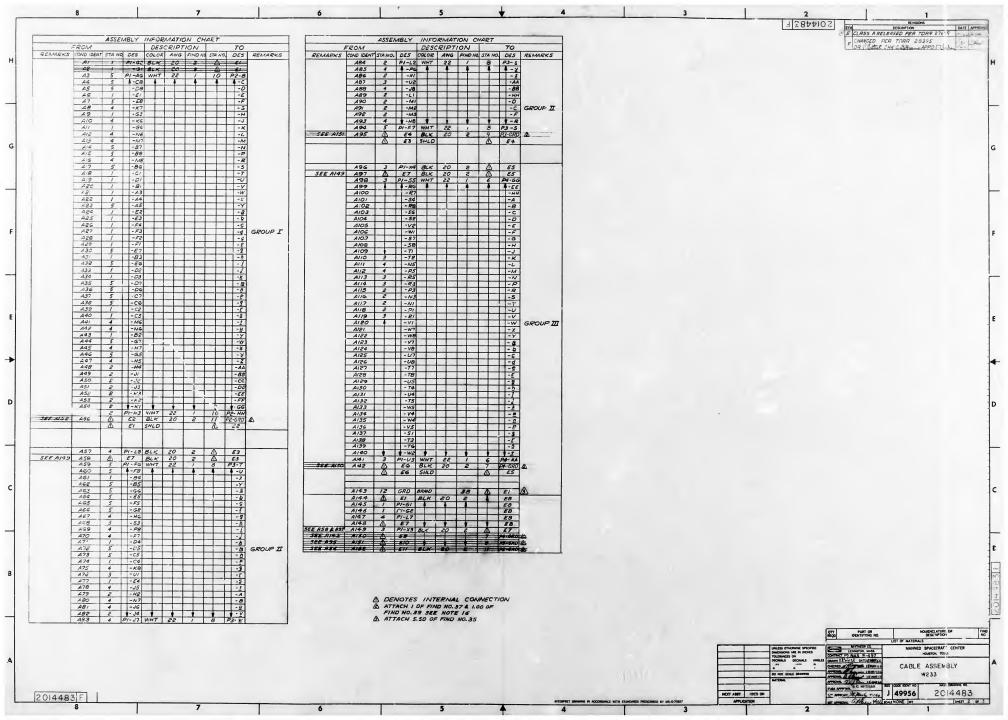


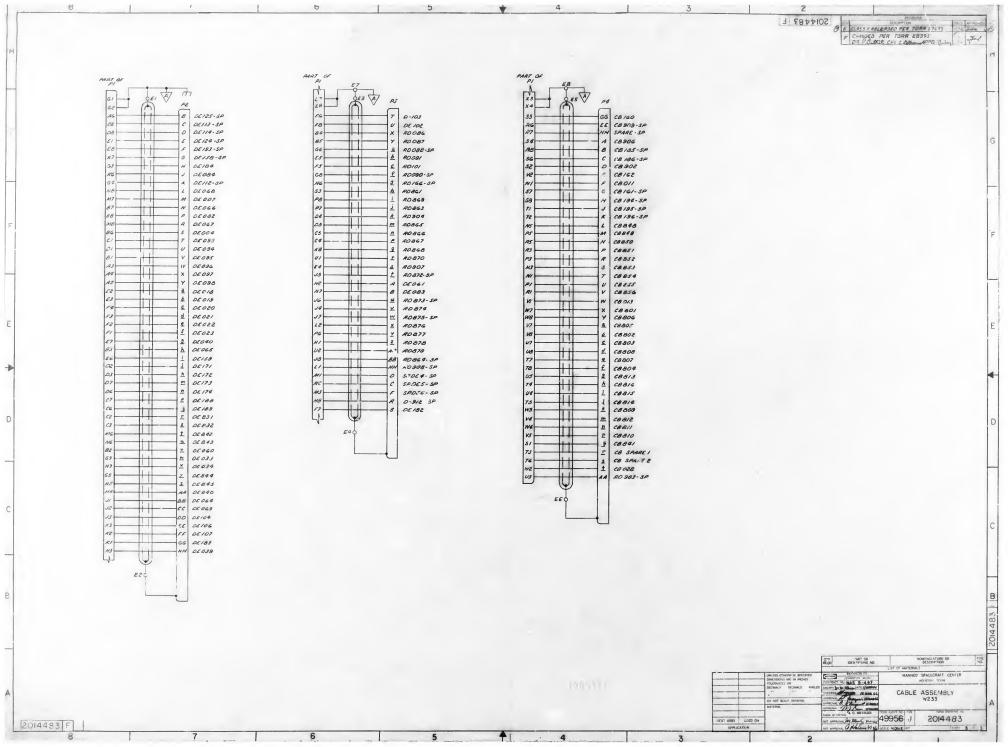


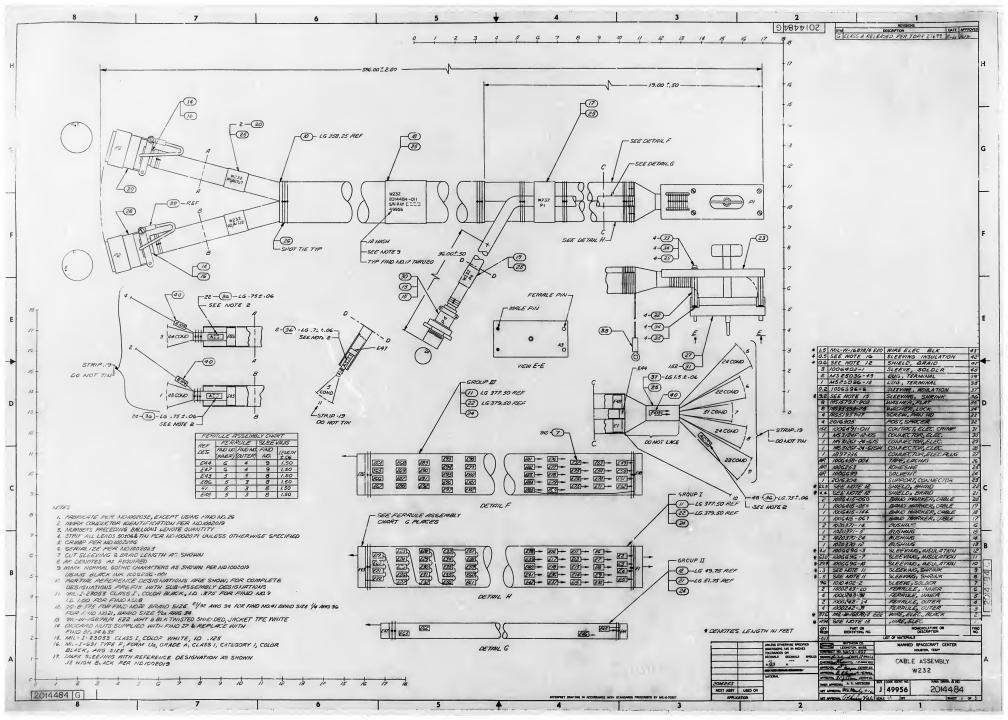




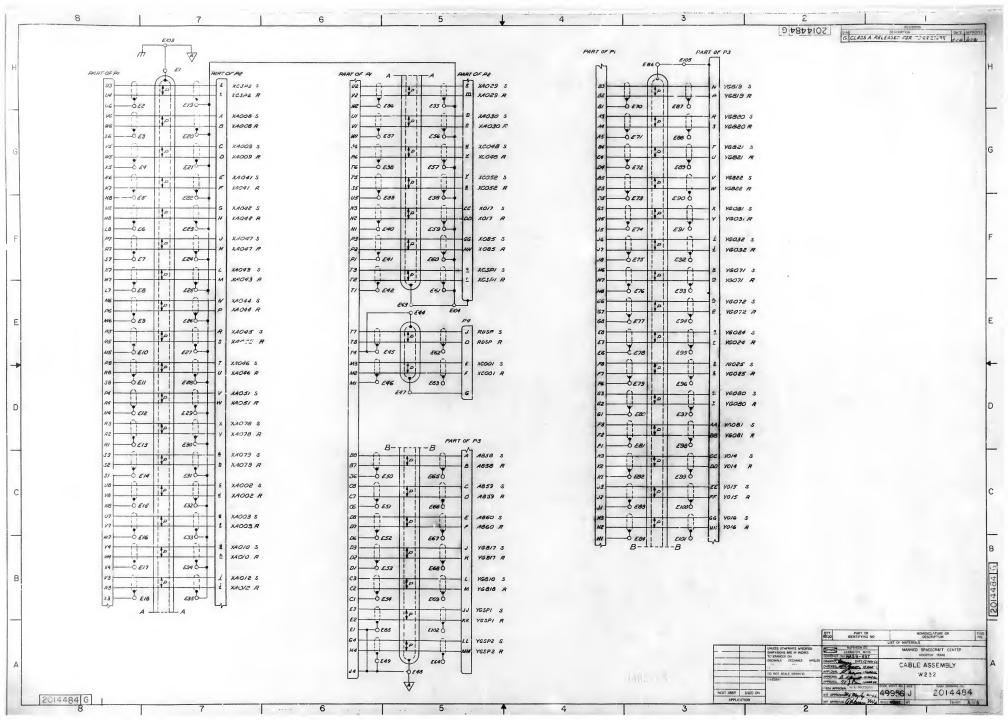


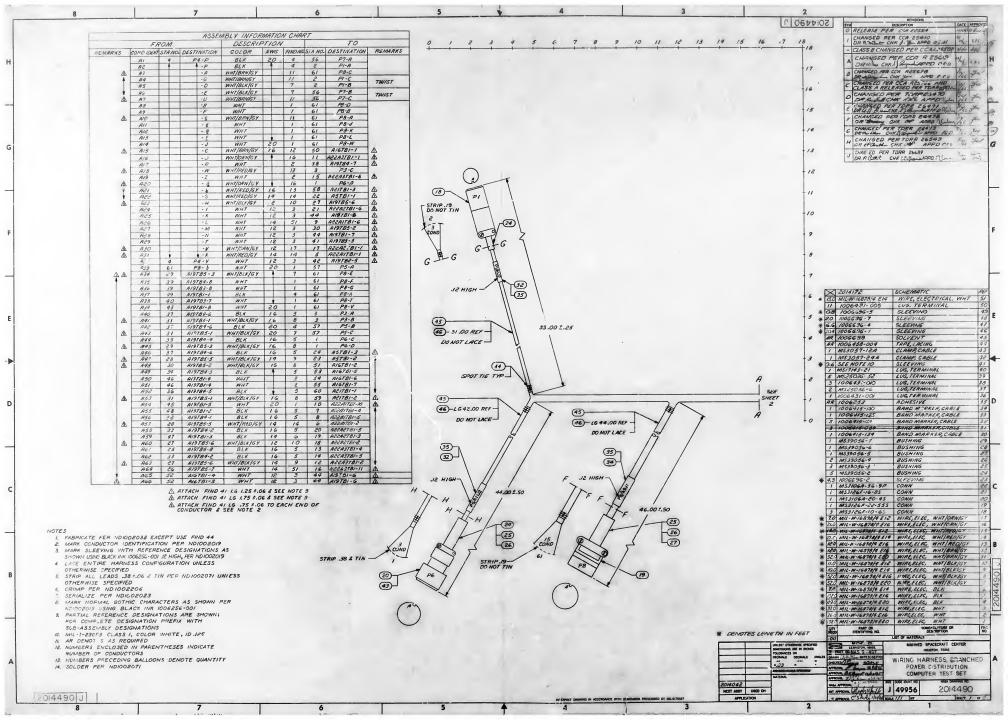


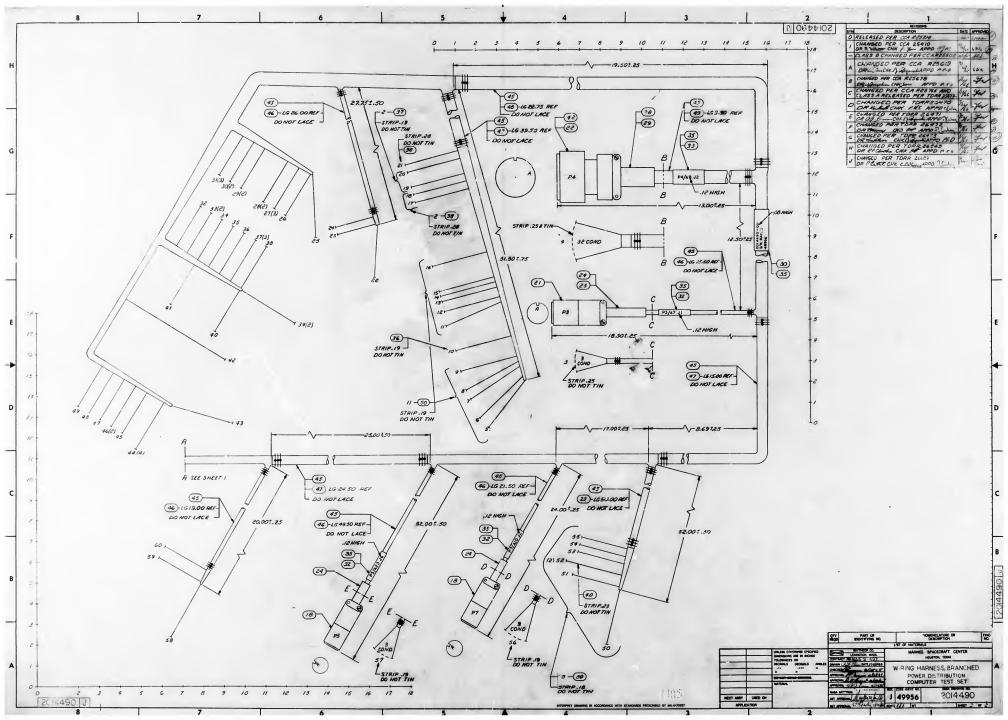


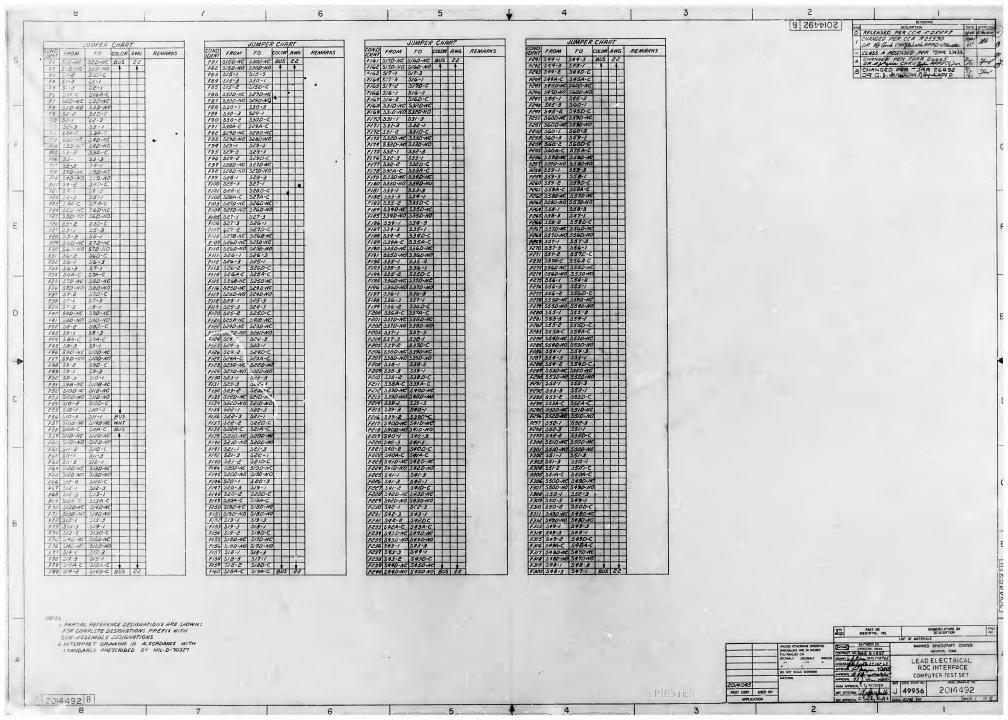


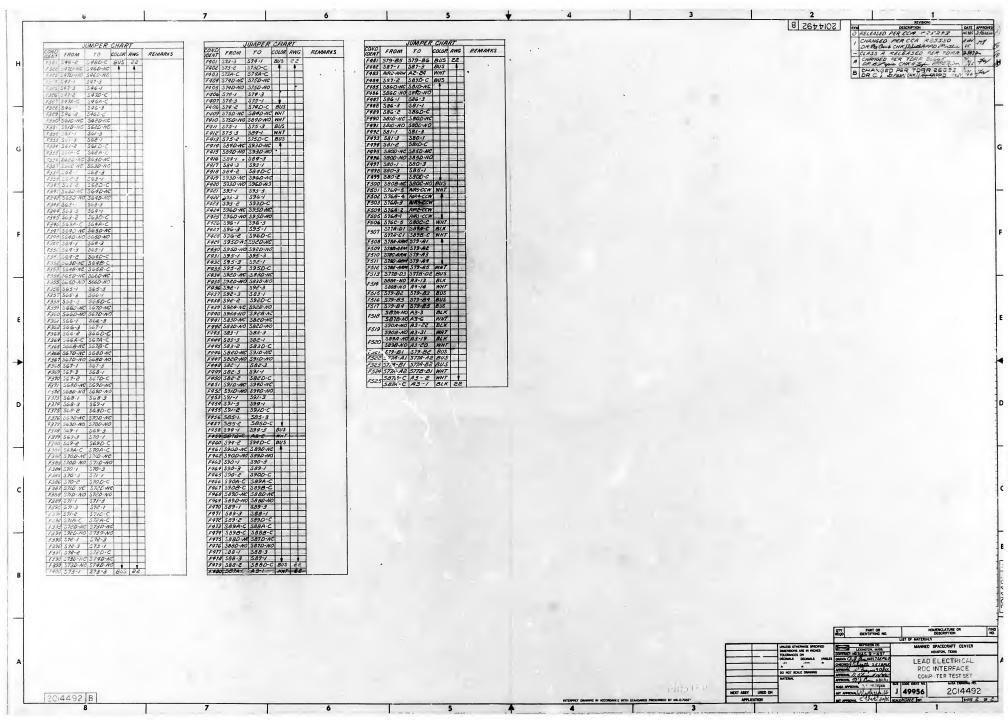
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OF FIND 36 SEE NOTE	L DENOTES INTERNAL B ATTACH FIND 42 LG 5.5 1 B ATTACH   OF FIND 39 &	<u> </u>	A12 7 P1-115 SLI  G P1-N3 WA  BAS G P1-N2 BL	139 7 P1-RG BL A E38 SHG 7 P1-T6 BL 7 P1-T5 BL A41 7 P1-S5 BL	7 P1-U1 WH 17 P1-U1 WH 1 E37 SH 1838 7 P1-W1 B1 17 P1-W1 B1 17 P1-SO WH	7 PI-U2 WIN  A35 7 PI-V2 BL  \$\int \ E3G \ SHL  A3G 7 PI-W2 BL	A32   7   P  - X4   BL   7   P  - Y3   BL   A33   7   P  - W3   BL   ∆ E8   SW   A34   7   P  - X3   BL	130 7 P!-W7 BL. 7 P!-V4 W. 131 7 P!-W4 W. E17 SH	928 7 PI-WB BLI 7 PI-U7 WH 929 7 PI-U7 BLI	A22 7 19-51 8th 17 19-51 8th 17 19-18 10h 18 27 7 19-18 8th 10 215 5th	124 7 PI-RI BULL 125 7 PI-RI BULL 125 7 PI-S2 BULL	A21 7 11-R4 BL A 22 6 17-N4 BL A22 6 17-N4 BL 7 17-R3 WL A23 7 17-R3 BL	A19 7 19-78 W.  A19 7 19-78 SZ.  A E11 SHL  A20 7 19-58 BL  G 19-49 W.	A17 7 P1-P5 WH A17 7 P1-P6 BL A18 8 P1-N5 BL	3 PI - NG WH-  A15 B PI - PG BLJ  E S SHL	A12 7 P1-57 EL1 6 P1-N7 VIII A13 8 P1-M7 BLI (h) E8 ST A14 8 P1-L7 BLI	110 6 PI-LB BLF 6 PI-PT WIII 111 7 PI-RT BLF 6 ET SH	8 PI - NB WH 29 8 PI - MB BLN 1 EG SILL	AG 7 PI-XS BL B PI-KG WH A7 B PI-KG BL		AI 7 PY-U4 BLF  AZ 7 PY-UG BLF  7 PY-WG BLF	FROM DE.		8
± /7	1.00 INCH	△ €59	(1) (A) (2) (B) (B) (B) (B) (B) (B) (B) (B) (B) (B	K 22 1 1 1 P2 Y  LD	77 22 1 7 82-8 K 22 1 7 82-8 50		// 22 / / /22 / / /22 / / /22 / / /22 / / /22 / / /22 / / /235 / /269	77 22 / P2 9 4 22 / P2 6 \( \text{\Delta} \)	77 22 1 1 P2 5 1 P2 5 1 P2 5 1 P2 5	F ?2 2	77 22 / A2 2 K 22 / P2 4	D	D	77 22 / P2-R 12	77 22 / P2-N K 22 / P2-P G \Delta \E26 K 22 2 \Delta \E9	( 22 2	( 22 2	22 2 <u>A</u> <u>E5</u> 7 22 / <u>P2-G</u> 22 / <u>P2-H</u>	0 £21 x 22 2 A £4 7 22 / P2-E x 22 1 / P2-E	0	X   22	FORMATION CHART  SCRIPTION TO  R ANG FINDING STAIN. DES REMARAS  T 22 7 PC-8	1	7
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		A ETZ SALD	5 P1-84 WHT 22 5 P1-C4 BLX 22 1	5 P7-B2 BLK 22 / (b) E70 SMLO 5 P7-B1 BLK 22 2 5 P7-B3 WHT 22 5 P7-A4 BLK 22 /	5 PI-C3 NUNT 22 5 PI-C2 BLK 22 1 E54 SHLO 5 PI-C1 BLK 82 5 PI-C3 NUNT 22	5 P1-D2 BLK 22 /	9 PI-CG BLK 22 2 9 PI-DB WHT 22 9 PI-DT BLK 22 / 1 E52 BLK 2 9 PI-DB BLK 22 2 5 PI-DB WHT 22	9 Pt-86 BLK 22 2 9 Pt-CB WHT 22 9 Pt-C7 BLK 22 1	↑ €103 BLK 22 2 9 Pt-88 WHT 22 9 Pt-88 WHT 22 9 Pt-86 SLK 22 9 Pt-86 BLK 22 1	5 PI-64 EMT 22 6 PI-H4 BLK 22 1 E49 SHLD	△ E45 BLK 22 2  △ E47 BLK 22 2  △ E44 SALD	G P1-M3 WHT 22 G P1-M2 BLK 22 / △ E4G SHLD G P1-M1 BLK 22 2	7 PI-T7 WHT 22 7 PI-T8 BLK 22 \( \triangle \) E45 SHLD 7 PI-T4 BLK 22 2	E43 BLK 22 2	E22 E21 E20	E27 E26 E25 E24	E31 E30 E29 E32	E36 E34 E56 e32	£58 £57 £57 £36 £35	7 PI-T2 SLK 22 1	6 P1-P3 WHT 22 6 P1-P2 BLK 22 1 6 E41 SILD 6 P1-P1 BLK 22	SSEMBLY INFORMATION CHI DESCRIPTION THIM. DES COLOR AWG FINDING G PI-NI BLK 22 2		5
ect		△ (289	A 238 A 271 3 P3-7 3 P3-U	7 195-19	3 P3-L 3 P3-M A E69 A E54 3 P3-N	3 P3-J GROUP III 3 P3-K	3 P3-F	3 P3-C 3 P3-D A E66 A E51	3 P3-A	3	A E44 11 P4 G A E47	// P4-E // P4-F \( \Delta \) E63 \( \Delta \) E46	11 P4-J 11 P4-D A EG2	E104 E22 A E43	E21 E20 E19	625 624 623 623	£29 £28 £23	#34 #33 GROUP I	609 600 633 635	E29	/ P2-05 / P2-141 A E60 A E61 / P2-1 / P2-1 / P2-1	STA NO. DES REMARKS		<b>+</b> = 1 = 4
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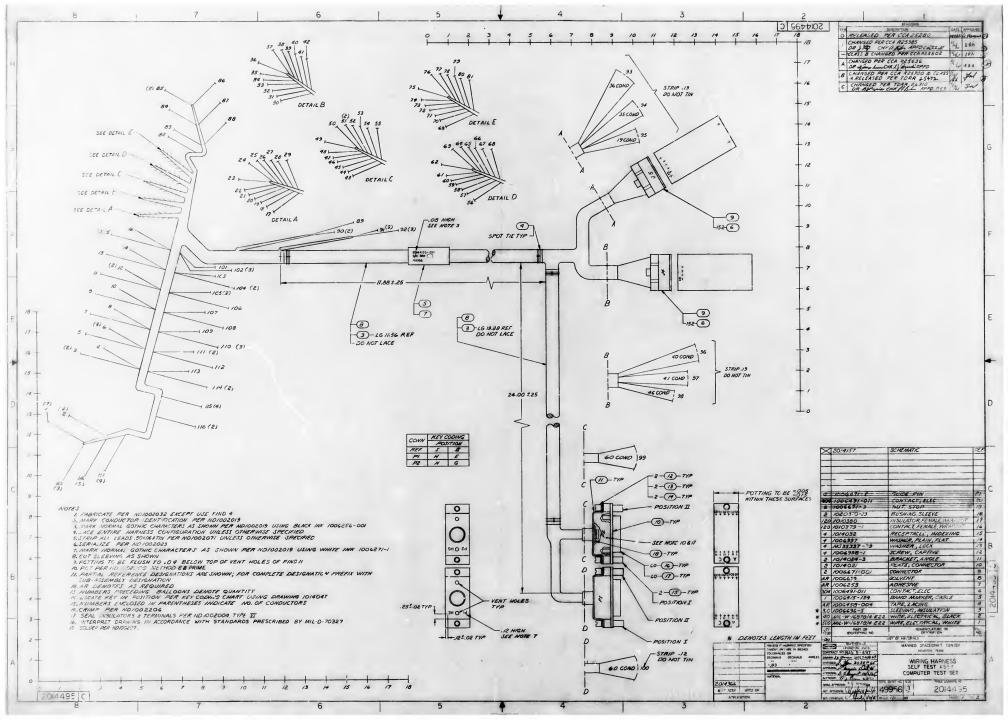


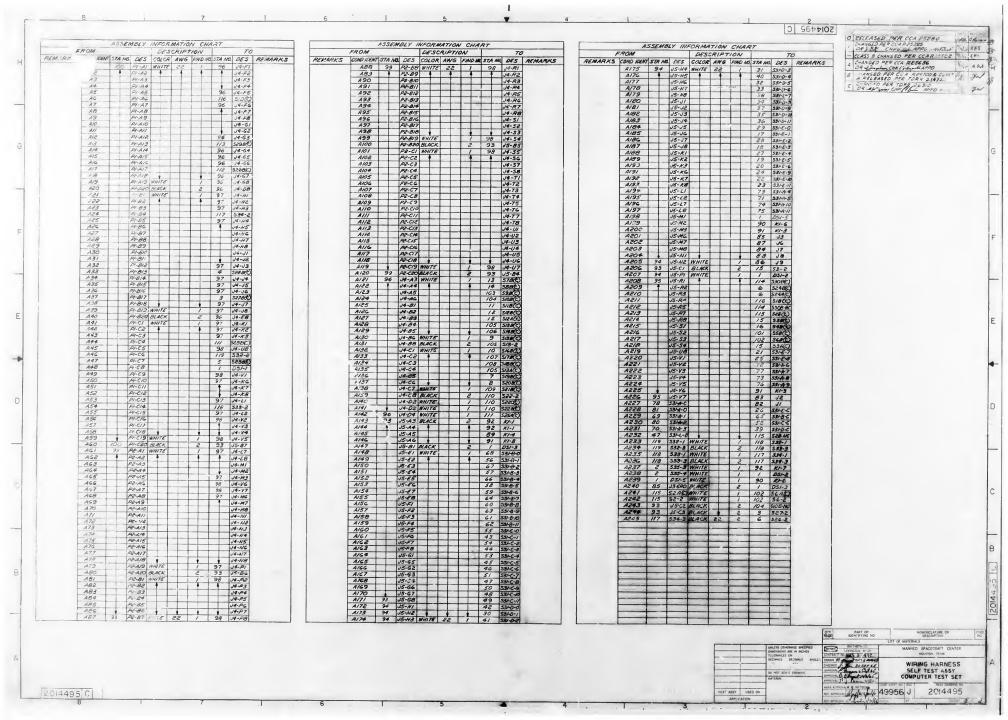


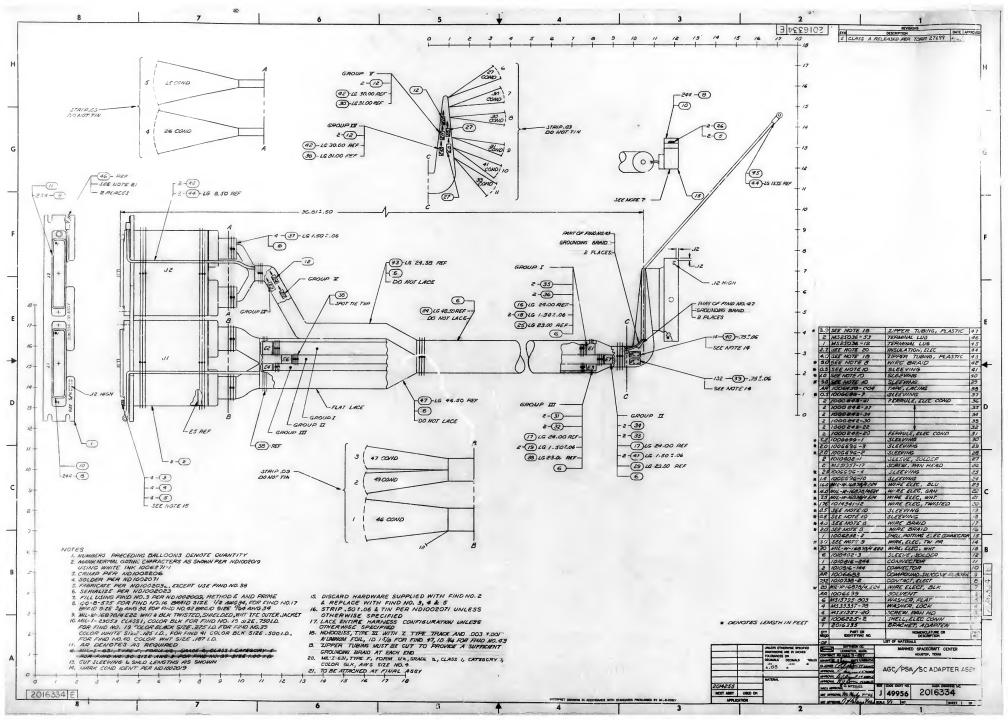












	FROM	71332	MBLY	DESC	RIPTI	ON	<u> </u>	70	
EMARKS	COND IDENT	STA NO	DES	COLOR	AWG	FIND NO.	STA NO.	DES	REMARKS
	AI	3	11-210		24	20	//_	PI- 210	
	-	-1-		BLK	-		-	175	
	A2		176	BLK				176	
	A3	-	142	BLK				142 143	
	A4		109	WHT		1		109	
	714		110	BLK				76	
	A5	-	77	BLK	-			77	
	46		41	BLK				41	
	46	-	42	BLK	-			42	
	AT	-	5	BLK WHT	-		-	5	
	48		212	WHT			11	212	
	-		177	BLK	-		10	213	
	A9		178	BLK			11	178	
	AIO		144	WHT			11	14.4	
		-	111	BLK			10	145	
	AII		112	BLK			11	112	
	AIZ	-	78	BLK	-	-	10	78	
	A13		43	WHT			11	43	
	4/3		44	BLK			11	44	
	A14		7	BLK		1	10	7	GROUP I
	AI	3	214	WHT			-	214	
		2	215	BLK				2/5	
	A16	3		BLK		1 1		180	
	AIT	3	146	WHT				146	
		3	1/47	BLK		⊢-		147	
	A18	3	114	BLK				114	
	A19	3		WHT	-			80	
		2	45	BLK	-			45	
	A20	3	46	BLK				46	
	AEI	3	9	BLK				6 9	
	A22		217	BLK				216	
	A23		182	WHT BLK				181	
	A24	$\vdash$	148	BLK	-	1		148	
	A25		115	WHT				115	
	A26	1	82	WHT				82	
	HEE	$\Box$	83	BLK		1		83	
	A27	2	47	BLK	-	20	10	48	
	A28	3	3	WHT		21	11	3	
	A29 A30	3	JI-209	WHT	24	21	-"	PI-209	
		3	E2	SHLD	24		- "	EI	
	A31 A32	3	11-107	BLK	24	7	Δ.	E2 P1-107	
-	H3E		EI	BLK	24			77-107	
	A33	=	11-11	WHT	24	21	10	PI-11 218	
	A34		219	BLK		20	9	2/9	
	A35	H	183	WHT		1	10	183	
		-	150		-	+-	10	150	
	A36		151	BLK		1	9	151	
	A37	-	117	BLK	++	1	10	117	
	A38		84	WHT			10	84	GROUP II
			85	BLK		1	9	85 49	
	A39		50	BLK			10	50	
	A40		221		H		9	220	
	A41		185	WHT				185	
	AGR		186	WHT		20		51	
		Ţ	1 52	BLK	1		9	1 52	
	A43	2	J1-10 E6	SHLD	24	21	10	PI-10 E7	
	A44	2	11-137	BLK	24	7	Δ	E6	
	A45		E7	BLK	24	7	9	PI-187	
		A DENI	TES INT	ERN41	CONNEC	TION			
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	70		T	ION	RIPT	DES				FROM	
REMARK	DES	TA NO.	0.5	FIND NO.	AWG	COLOR	DES	vo.	STA	COND IDENT	REMARKS
	PI-131	7	I	23	24	BLU	2-193		4	1	
	164		I	22	1	GRN	192		1	A46	TWIST
	165		4	21		WHT	230				
	163	4	+	23	-	BLU	230 233 232	4	H	140	
	198	+-	+	21	-	GRN	195	-	$\vdash$	A47	TW/ST
	97	+	+		-	BLU	198	-	+	+	
	98		+	23		GRN	197	7		448	TWIST
	130		Т	21		WHT	235		-		
	99		1	21 23 22		BLU	237			1	
	100	1	+	22	_	GRN	238			A49	TWIST
	132	7	+	7 23	-	BLK	200	-	$\vdash$		
	104	6	+	22		BLU	228	$\dashv$	-	A50	
	PI-136	6	+	21	24	WHT	2-/90	$\dashv$	4	430	TWIST
			+			-		7	-		
			I								
	-		+				-				
	169	9	+	2/	24	WHT	1-232	-	4	A51	
	155	•	+	1	+	-	22 59	-	1	A52 A53	
	119	+	+		-		227	$\dashv$	-	A54	
	87		+			_	93	$\dashv$	-	A55	
	120		I				24		1	A56	
	88		T		T		88		2	A57	
	54	-	4		+		127		1	A58	
	86	-	+	-	+-	-	121	-	2	A59	
GROUP	121	+	+		+	$\vdash$	90	$\dashv$	1	A60	
	122		+	+	+		17	$\dashv$	2	A61 A62	
	152		T		_		119	$\neg$	2	A63	
	153		I				188		2	A64	
	154	1	T				228		/	A65	
	19	9	+	$\vdash$	1		162		1	A66	
	PI- 222	9	+	21	24	WHT	20		1	A67	
	E3		+		24	SHLD	1-231 E4	-	1	A68	
	£4	Δ	+	7	24	BLK	£ 5	-	12	A69	
	P1-89	9	1	7	24	BLK	£3			ATO	
			4								
	-	_	+					-			
	PI-190	8	+		24	WHT	1-190	$\neg$	7		
	19/	1		20		BLK	191			A71	
	192		I	1		WHT	192			A72	
	193	1	1	-	_	BLK	193			Ale	
	194	7	1	-	+	BLK	194		$\vdash$	A73	
	123	8	+	-	+	WHT	123	$\dashv$	$\vdash$		
•	154	Ť	H		-	BLK	124	-	-	A74	
	125		1			WHT	125	$\neg$		47.5	
	126					BLK	126		1	A75	
	228	1	I			WHT	222		2	A76	
	229	8	+		+	BLK	223		2	7170	
	127	7	H		+	BLK	91			A77	
	14.					DLK	152	-	2		
	161		+			WUT				A78	
	24	8	-		+	BLK	153		1		
	25		-	-		BLK WHT	153			470	
	25	8 8 7				BLK WHT BLK	153 154 155		Į	A79	
	24 25 26 27 90	8 8 7 8				BLK WHT BLK WHT	153 154 155 98				
	24 25 26 27 90 91	8 8 8				BLK WHT BLK WHT BLK	153 154 155 98		Į	A79 A80	
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	24 25 25 27 30 91 94 95 224 226 18 58 58 58 22 22 22 22 22 22 22 22 22 22 22 22 22	8 8 7 8 8 8 7 9 8				BLK WHT BLK	153 154 155 98 99 34 35 224 226 103 96 97 196		2/	A80 A81 A82 A83 A84 A85	
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	24 26 27 90 91 94 95 224 226 18 58 59 22 23 57	8 8 7 9 8 9 9 8				BLK WHT	153 154 155 98 99 34 35 224 226 103 96 196 196 170 170 170		2/	A80 A81 A82 A83 A84 A85 A86	
	24 25 26 27 90 91 94 95 224 226 18 58 59 29 23 57 93	8 8 8 7 9 8 9 9 8 1				BLK WHT BLK	153 154 155 98 99 34 35 224 226 103 96 197 196 197 170 170 170 179 198		2/	A80 A81 A82 A83 A84 A85	
	24 25 26 27 90 94 95 224 226 18 59 22 23 33 60	8 8 8 7 8 8 9 9 8 1 8 7 8				BLK WHT BLK WH	153 154 155 98 99 34 35 224 226 103 96 197 196 197 170 171 198 199		2/	A80 A81 A82 A83 A84 A85 A86 A87	
	24 25 26 27 30 94 94 224 226 76 59 23 57 93 60 61 230	8 8 7 9 8 9 9 8 1				BLK WHT	153 154 155 98 99 34 224 226 102 103 97 196 197 170 171 199 189 189		2/	A80 A81 A82 A83 A84 A85 A86 A87	
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		4336	IDLY II			CHART			
	FROM				CRIPI			70	
REMARKS	COND IDENT	STA NO.	063	COLOR	AWG	FIND NO	STA NO.	DE5	REMARKS
	A 97	5	12-144	WHT	24	20	6	PI-168	
	737		1-111	BLK		1		169	
	A98		110	WHT				170	
	1150		148	BLK	$\vdash$	-		17/	
	A99		-/50	WHT	$\vdash$	4 1	-	203	
		-1-	153	BLK	-		-	204	
	A100	5		BLK	-	-	Н-	243	
		4	120			+-+-		240	
	A101	Ť	24/	BLK	-	1 1	-	24/	
		<del>- I -</del>	38	WHT	-	1-1-	6	PI-101	
	P102	-+-	37	BLK		1 1	Δ	E15	
		1	72	WHT		0.0	6	PI-102	
	A103	4	12-71	BLK		20	Δ	E15	
	4104	Δ	E15	BLK		7	6	PY-134	
	A105	1	JI-100	WHT		20	8	PI-92	
		/	11-101				Δ	E8	
	A106	Δ	EB	BLK		7	7	P1-62	
		4	U2-206		-	7	Δ	£8	
TWIST	A107	1	12-244		+ $+$	23	7	PI-28	
		4	J2-245		1	22	-	PI-63	1
	2000	4	15-111		24		7	P1-96	
	A108	3	11-40		22	13	11	P1-40	
	AIIO	1	108		-1-	+•	1	F1-108	
	AIII	1 1	1 173			+	-	PI-173	
	Alle	3	11-174			+	11	PI-174	
	A1/3	5	12-1			+-	7	PI- 66	
TWIST	A114	5	J2-39				7	P1-31	1
	A115	5	J2-40	WHT	22	13	7	P1-32	
		Δ	EIO	SHLO			Δ	E9	GROUP IX
	A116	Δ	E10	BLK	24	7	6	P1-67	
	AIIT	5	12-5	BLK	24	7	Δ	E9	
	AIIB	5	12-6		22	13	6	P1-33	
TWIST	A119	5	12-43		22	13	6	P1-69	
	AIZO	5		WHT	25	/3	Δ	P1-68	GROUP Y
	A121	5	EIZ	SHLD		7	<del>  \( \)</del>	E11	
	AIZZ	A	J2-5 EII	BLK	24	7	6	E12 P1-34	
		5		BLK	22	_	6	P1-36	
	A123	5		WHT	22	14	6	PI-35	
		Δ		SHLD			Δ	E13	
	A124	5		BLK	24	7	A	E14	
	A12.5	Δ	E13		24	7	6	PI-70	
	Ales	4	U2-172	WHT	24	21	7	P1-29	1
A	A127	Δ		BLK	24	7	Δ	E5	
1	AIES		225		1				
	A129		94						
	A130	$\vdash$	25			-	-		
	A131		89		++-	+	++	-	
	A132	-	128		-	+	++	-	
	A133	-	122		-	++-	$\vdash$	-	-
	A134 A135		27		-	+-	++-	1	
	A136	1	120			1	++-	++-	
	A137	+	189		+	++	+-		
	A138	1	225			11			1
	A139		163						ì
	A140	1-1-	21						1
+	A141		1 230						1
À	A142	A	11-150		24	7	A	£5	1

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MEXT ABBY USED ON APPLICATION

INT APPROVED THE STATE OF THE NOTICE OF 2016334

NOMENCLATURE OR DESCRIPTION LIST OF MATERIALS

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